



AGENDA
RIO DELL CITY COUNCIL
CLOSED SESSION – 5:30 P.M.
REGULAR MEETING – 6:30 P.M.
TUESDAY, MAY 19, 2015
CITY COUNCIL CHAMBERS
675 WILDWOOD AVENUE, RIO DELL

WELCOME . . . By your presence in the City Council Chambers, you are participating in the process of representative government. Copies of this agenda, staff reports and other material available to the City Council are available at the City Clerk's office in City Hall, 675 Wildwood Avenue. Your City Government welcomes your interest and hopes you will attend and participate in Rio Dell City Council meetings often.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Office of the City Clerk at (707) 764-3532. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to assure accessibility to this meeting.

THE TYPE OF COUNCIL BUSINESS IS IDENTIFIED IMMEDIATELY AFTER EACH TITLE IN BOLD CAPITAL LETTERS

A. CALL TO ORDER

B. ROLL CALL

C. ANNOUNCEMENT OF ITEMS TO BE DISCUSSED IN CLOSED SESSION AS FOLLOWS:

1) 2015/0519.01 - Conference with Legal Counsel – Existing Litigation

Name of Case: City of Rio Dell v. SHN Consulting Engineers and Geologists, Inc. a California Corp. Case No. DR130745
(Pursuant to Gov't Code Section 54956.9(a))

2) 2015/0519.02 - Conference with Legal Counsel – Anticipated Litigation

Consider initiation of litigation pursuant to paragraph (4) of Subdivision (d) of Section 54956.9: (One potential case, facts and circumstances known to adverse parties): Access dispute, quiet title and prescriptive easement related to waterline maintenance and vehicular access along Old Ranch Road to City of Rio Dell Monument Springs Parcel (APN: 205-041-014). Potential adverse property owners along Old Ranch Road, include, without limitation, Cidoni, Coleman, Lewis and Humboldt Redwood Company.

- 3) 2015/0519.03 - **Conference with Labor Negotiator – City Manager**
Concerning Labor Negotiations with Rio Dell Employees Association,
Rio Dell Police Officers Association, and Contract Employees
(Pursuant to Gov't Code Section 54957.6)

D. PUBLIC COMMENT REGARDING CLOSED SESSION

E. RECESS INTO CLOSED SESSION

F. RECONVENUE INTO OPEN SESSION – 6:30 P.M.

G. ORAL ANNOUNCEMENTS

H. PLEDGE OF ALLEGIANCE

I. CEREMONIAL MATTERS

J. PUBLIC PRESENTATIONS

This time is for persons who wish to address the Council on any matter not on this agenda and over which the Council has jurisdiction. As such, a dialogue with the Council or staff is not intended. Items requiring Council action not listed on this agenda may be placed on the next regular agenda for consideration if the Council directs, unless a finding is made by at least 2/3rds of the Councilmembers present that the item came up after the agenda was posted and is of an urgency nature requiring immediate action. Please limit comments to a maximum of 3 minutes.

K. CONSENT CALENDAR

The Consent Calendar adopting the printed recommended Council action will be enacted with one vote. The Mayor will first ask the staff, the public, and the Council members if there is anyone who wishes to address any matter on the Consent Calendar. The matters removed from the Consent Calendar will be considered individually in the next section, "SPECIAL CALL ITEMS".

- | | |
|---|----|
| 1) 2015/0519.04 - Approve Minutes of the May 5, 2015 Regular Meeting (ACTION) | 1 |
| 2) 2015/0519.05 - Approve the Annual TDA Claim for FY 2015-16 and Authorize the Finance Director to Sign and Submit the Claim to Humboldt County Association of Governments (HCAOG) (ACTION) | 13 |
| 3) 2015/0519.06 - Authorize the City Manager to sign Memorandum of Understanding with Redwood Coast Energy Authority (RCEA) for Electric Charging Station (ACTION) | 21 |
| 4) 2015/0519.07 - Report on Metropolitan Well Site Rehabilitation Performed by Groundwater Pump & Well Inc. (RECEIVE & FILE) | 29 |

- 5) 2015/0519.08 - Approve Resolution No. 1263-2015 Designating the City Manager as the Authorized Representative in Application for a Safe Drinking Water State Revolving Fund Grant Related to Metropolitan Well Site (ACTION) 54

L. SPECIAL PRESENTATIONS/STUDY SESSIONS

- 1) 2015/0501909 - Presentation on Water Rate Analysis – Richard Culp, P.E., from Rural Community Assistance Corporation (RCAC) (DISCUSSION/POSSIBLE ACTION) 57
- 2) 2015/0519.10 - Presentation from City Engineer (GHD Engineering) on Metropolitan Well Site Redevelopment Project and Related Safe Drinking Water State Revolving Fund Grant Application (DISCUSSION/POSSIBLE ACTION) 59
- 3) 2015/0519.11 - Presentation from City Engineer (GHD Engineering) on the Active Transportation Program Grant Application and Design (DISCUSSION/POSSIBLE ACTION) 68

M. SPECIAL CALL ITEMS/COMMUNITY AFFAIRS

- 1) "SPECIAL CALL ITEMS" from Consent Calendar
- 2) 2015/0519.12 - Discussion and Review of Options Related to Economic Development (DISCUSSION/POSSIBLE ACTION)

N. ORDINANCES/SPECIAL RESOLUTIONS/PUBLIC HEARINGS

- 1) 2015/0519.13 - Adopt Resolution No. 1259-2015 Authorizing the City Manager to Request that the Department of Housing and Community Development (HCD) Rescind their Approval of the City's Program Income Housing Revolving Loan Fund (DISCUSSION/POSSIBLE ACTION) 87

O. REPORTS/STAFF COMMUNICATIONS

1. City Manager
2. Chief of Police
3. Finance Director - Check Register for April 2015 103
4. Community Development Director

P. COUNCIL REPORTS/COMMUNICATIONS

Q. ADJOURNMENT

*The next regular meeting will be on June 2, 2015
at 6:30 p.m. in City Hall Council Chambers*

**RIO DELL CITY COUNCIL
REGULAR MEETING
MAY 5, 2015
MINUTES**

The regular meeting/closed session of the Rio Dell City Council was called to order at 5:30 p.m. by Mayor Wilson

ROLL CALL: Present: Mayor Wilson, Councilmembers Garnes, Johnson, Marks and Thompson

Others Present: (Closed Session) City Manager Knopp, Water/Roadways Superintendent Jensen and City Attorney Gans

(Regular Meeting) City Manager Knopp, Finance Director Woodcox, and City Clerk Dunham

Absent: Chief of Police Hill, Community Development Director Caldwell, Water/Roadways Superintendent Jensen and Wastewater Superintendent Chicora (excused)

CLOSED SESSION

At 5:30 p.m. the Council recessed to closed session with legal counsel to discuss the following matters:

Conference with Legal Counsel – Existing Litigation

Name of Case: City of Rio Dell v. SHN Consulting Engineers and Geologists, Inc. a California Corp. Case No. DR130745 (Pursuant to Gov't Code Section 54956.9(a); and

Conference with Legal Counsel – Anticipated Litigation

Consider initiation of litigation pursuant to paragraph (4) of Subdivision (d) of Section 54956.9: (One potential case, facts and circumstances known to adverse parties): Access dispute, quiet title and prescriptive easement related to waterline maintenance and vehicular access along Old Ranch Road to City of Rio Dell Monument Springs Parcel (APN: 205-041-014). Potential adverse property owners along Old Ranch Road, include, without limitation, Cidoni, Coleman, Lewis and Humboldt Redwood Company.

Conference with Labor Negotiator – City Manager

Concerning Labor Negotiations with Rio Dell Employees Association, Rio Dell Police Officers Association, and Contract Employees (Pursuant to Gov't Code Section 54957.6)

The Council reconvened into open session at 6:30 p.m. and Mayor Wilson announced there was no reportable action taken in closed session.

PUBLIC PRESENTATIONS

Nick Angeloff reported on an upcoming event; the 3rd Annual Art, Brew and Barbeque, a fundraiser for the Eagle Prairie Arts District. Lyme Awareness Celebration and Rio Dell Community Market to take place downtown on Saturday, May 9th from noon to 8:00 p.m. He noted the event will coincide with the Annual Tour of the Unknown Coast so they will be cheering on the participants and offering them water as they ride by.

He expressed thanks to Supervisor Estelle Fennell and Councilmember Debra Garnes for coming out on Little League opening day and excused himself to attend the Eel River Valley Little League board meeting.

CEREMONIAL MATTERS

Proclamation in Recognition of Older Americans Month May 2015

Mayor Wilson read the proclamation in recognition of Older Americans Month and presented it to Councilmember Marks on behalf of the Area 1 on Aging.

CONSENT CALENDAR

Councilmember Thompson asked that Item No. 2 be removed from the consent calendar for separate discussion.

Motion was made by Johnson/Thompson to approve the consent calendar including approval of minutes of the April 21, 2015 regular meeting; authorizing the Mayor to sign a letter of support of the Active Transportation Program Grant for Rio Dell; and authorizing the City Manager to extend the engagement of auditing firm of R.J. Riccardi, CPA's to complete the FY 2014-2015 audit. Motion carried 5-0.

Approve and Authorize Mayor to Sign Letter of Support for SB 16 (Transportation)

Councilmember Thompson commented on the revised letter of support for SB 16 and referred to the April 21st City Council minutes where Councilmember Johnson expressed concerns about the effects of the proposed transportation measure and the amount of taxes that will be collected from Rio Dell taxpayers versus the amount that will be allocated back for local streets and roads. He suggested that it be pointed out in the beginning of the letter that it appears that more tax revenue will be generated than what is being proposed to be returned to local jurisdictions.

Councilmember Johnson agreed and suggested the letter state in essence that for the smaller jurisdictions, 100% of the tax revenues collected should be given back to those jurisdictions.

The consensus of the Council was that the suggested comments be included in the letter.

SPECIAL PRESENTATIONS

Preliminary Review of FY 2015-2016 Draft Budget

City Manager Knopp provided a brief overview of the budget process and said staff will be providing a general preliminary review of the FY 2015-2015 draft budget at this time and schedule a budget workshop at a time that is agreeable to the Council for a more detailed review and discussion of the proposed budget. He pointed out that in developing this year's budget, staff left things "status quo" for the most part with a few adjustments which are straight forward. He also noted that the draft budget is being presented absent of Measure U revenue at this time.

Staff continued with a power point presentation and reported estimated ending fund balances for the various funds (without Measure U) as follows:

➤ General Fund	-	(\$87,420)
➤ Building Fund	-	(\$42,422)
➤ Streets Fund	-	\$25,750
➤ Sewer Operations Fund	-	\$109,665
➤ Sewer Capital Fund	-	\$192,830
➤ Sewer Debt Service Fund	-	\$595,184
➤ Water Operations Fund	-	(\$238,326)
➤ Water Capital Fund	-	\$128,484
➤ Water Debt Service	-	\$89,477

City Manager Knopp said the imbalance between revenues and expenditures continues with a General Fund deficit of \$87,420 but with Council approval, the fund balance deficit can be balanced with Measure U revenue which is projected at \$160,000.

Councilmember Johnson asked with one month into the implementation of Measure U if staff has any revenue projections or an amount for administration costs.

Finance Director Woodcox explained that there are no projections for the first month but the start-up costs for State Board of Equalization is \$36,000 so it appears that the first quarter revenue will be absorbed by that fee. She noted there is a 1.5%-2% annual administration fee after that. She indicated that the \$36,000 start-up fee may be less with the County's and other local tax measures passing as well because they group them together when going through the set-up process.

City Manager Knopp reported that the Building Fund does not have a regular revenue stream and in a slow economy, building funds are subsidized by the General Fund. He noted that for this year's budget, it is estimated that the Building Fund will be subsidized by the General Fund in the amount of \$42,422 to offset the negative fund balance. He pointed out that staff has seen a

MAY 5, 2015 MINUTES

Page 4

slight increase in building activity over the past couple of weeks so that amount could potentially be less.

Councilmember Johnson pointed out that in 2014 building permit fees were adjusted and a fund was established with the idea of that fund being self-supporting. He said as he remembers it, the Council was to take a look at the fund balance annually to see how it is doing.

City Manager Knopp stated that hopefully when the economy improves and more construction occurs, the General Fund can be reimbursed.

Mayor Wilson said that one of the things that changed in the Building Fund is salaries and said a large part of the Community Development Director's salary is now charged to Building and that the portion of the City Clerk's salary charged to Building was increased from 25% to 33%. He commented that it might be a good idea to take a look at the cost of an outside contractor for building and plan check services.

City Manager Knopp pointed out that in order to have an accurate picture of building department activity there needs to be at least one year of performing those services in-house with no outside contractor. He also noted that there have been additional expenses related to inspection services such as training/certification of staff.

Councilmember Johnson asked if the proposed budget is based on the Community Development Director taking on the role of building inspector.

City Manager Knopp confirmed that it is based on that assumption. He pointed out that the numbers are preliminary and that the revenue could change.

Moving on to the Streets Funds, he reported that this situation is very serious and with current Gas Tax Revenue in double digit decline, it is estimated that gas tax revenue will decrease to \$77,000 for this year and down to the \$60,000 range the following year. He said with no adjustments and continuing to operate with a bare bones budget there will be a pretty substantial draw down in the fund balance.

He reported the Sewer Fund recently went through a revenue neutral rate adjustment however: with the City in the midst of a drought the overall target of \$1.167 million fell slightly short of that since the calculations for the sewer rates were based on a sampling of winter water usage.

City Manager Knopp said with regard to the Sewer Capital Fund staff has plans to do some much needed I & I (Inflow and Infiltration) work this year including smoke testing and repair on some of the more critical problem areas which will ultimately save the sewer fund in the long run. He also noted that the Sewer Debt Service is increasing substantially on the Capital side so obviously there will some work done and at the same time maintaining funds for future Capital improvement projects.

MAY 5, 2015 MINUTES
Page 5

City Manager Knopp pointed out that Sewer Funds are divided between Sewer Operations; Sewer Capital; and Sewer Debt Service and staff will be re-examining the Sewer Debt Service Fund to see what kind of balance needs to be maintained and adjust accordingly.

Finance Director Woodcox added that within the Sewer Funds essentially what happens is at the end of the year the revenues will be adjusted to make sure operations are covered as well as the sewer debt service and the remainder goes into the Sewer Capital.

Mayor Wilson asked if staff had calculated the revenue under the new sewer rate schedule since the drought.

Finance Director Woodcox said it appears the revenue is down by approximately \$30,000.

Councilmember Johnson asked if the rates will be adjusted to recover the loss.

Finance Director Woodcox said the rates can be adjusted if that is the direction the Council.

Mayor Wilson stated that he feels it would be unfair to the public and the issue would need to be agenzized and discussed at an upcoming meeting.

City Manager Knopp reported the Water Operations Fund is probably the biggest challenge with an estimated beginning fund balance of (\$16,949) and estimated ending fund balance of (\$238,326). He said the Water Fund was in trouble over a year ago and the drought situation compounded the issue even more. He noted that staff will be working with RCAC (Rural Community Assistance Corporation) to develop a Water Rate Study and will be coming back to the Council with a proposed water rate structure in the very near future. He said the quicker the rates get adjusted, the quicker the deficit in the Water Fund is diminished. He pointed out that a portion of the deficit fund balance is due to a transfer from Water Operations to Water Capital so the overall picture is not quite as dire as it seems.

He commented that the trend is that the City continues to run deficit fund balances in the General Fund and Building Fund and the amount available in terms of spending Measure U revenue to balance those funds is at the Council's discretion. He added that without Measure U revenue we would be looking at a reduction in services.

Councilmember Johnson asked when RCAC will have something in draft related to the Water Rate Study.

City Manager Knopp commented that he was not provided with a preliminary timeline but by the end of the week staff should have the bulk of the information to them in the format they have requested.

MAY 5, 2015 MINUTES

Page 6

Councilmember Thompson said pertaining to personnel, when Ron Henrickson was City Manager the City Manager position was combined with the Public Works Director position but no hours were added for that function. He said he would like to see a plan to help the City Manager with paper work and filing. He said perhaps the finance staff person charged with inputting documents into DocStar could be utilized a couple of hours a week to assist the City Manager.

Mayor Wilson pointed out that at the end of the day the expenses are still there even though the allocations are shifted between departments. He said what he would like to see is how the water and sewer funds looked before the costs were shifted and salaries increased as the result of the 2010 Total Salary Compensation Study.

Councilmember Johnson asked for clarification of the \$340,000 under General Fund revenue from *In Lieu Vehicle License Fees (4163)*.

Finance Director Woodcox explained the revenue is received from the County of Humboldt and comes in two equal payments and she believes it is part of the vehicle license fees collected.

Councilmember Johnson asked what the logic is for the revenue going into the General Fund rather than the Street Fund and asked if it is related to the personal property tax portion of the license fees.

City Manager Knopp said he would need to review the State legislation to explain it completely but as he recalls, the Vehicle in-lieu tax was a swap and exchange by the State for other local revenues in attempt to help balance the State budget. He said it is basically in-lieu of property tax revenue coming into the City and has nothing to do with transportation dollars.

Mayor Wilson questioned the water rate study that RCAC will be doing and asked if they are the same firm that did the wastewater rate study.

City Manager Knopp explained that RCAC (Rural Community Assistance Corporation) did not do the most recent wastewater study but has done both water and wastewater rate studies for the City in the past. He noted that they are a non-profit organization and one of the advantages of utilizing their services is that the City gets an engineer who lives on the north coast (Shelter Cove) and worked with the City in the 1970's and has a good handle on the situation in Rio Dell. The other advantage is that they indicated they will be working for the City at no charge. He said the engineer, Richard Kulp has a good overall approach with regard to the water rate analysis.

Mayor Wilson called for public comment.

Sharon Wolff commented that the City did actually contract with Bartle Wells in 2014 to do a water rate study and as far as she can tell has paid them quite a bit of money to do the study. She

MAY 5, 2015 MINUTES

Page 7

said at that point in time the estimate was that there were going to be significant water rate increases and that was before the drought and reduction in usage. She questioned the status of that contract which the City already paid for and said the results of that study were supposed to be presented about now.

City Manager Knopp stated that Bartle Wells did work on the wastewater rate study but not on the water rate study.

Finance Director Woodcox clarified that no money has been paid to Bartle Wells for a water rate study.

Councilmember Johnson stated that approximately four years ago, GHD Engineering put together a CIP (Capital Improvement Plan) for water and estimated there would need to be an increase in water rates of roughly \$29.00 a month.

Melissa Marks stated for clarification that the City Council discussed contracting with Bartle Wells to do a water rate study as recommended by the city manager at the time, Jim Stretch but there was a change in leadership and it did not happen.

City Manager Knopp stated for clarification that Bartle Wells has not been authorized to do any work for the City at this time.

Sharon Wolff commented that no one is impressed with the Wastewater Rate Study done by Bartle Wells and her understanding is that staff will re-examine the usage based on December-February and assess sewer rates at that point but also has the deficit that needs to be taken into consideration so she expects there will be a significant increase in sewer rates.

She said there is also a deficit in the water fund because customers are using less water due to the drought so the increase will need to generate enough revenue to cover expenses so citizens can expect a very large increase there as well. She asked if that is a pretty accurate summary.

Mayor Wilson reiterated what staff said earlier regarding the ability to adjust sewer rates pursuant to the ordinance but he would like to see exactly how that is spelled out. He clarified that there are some serious problems in the Water Fund.

Sharon Wolff noted that this situation is occurring throughout the State because of the drought and she suspects rate increases will be necessary to stabilize revenue and maintain water systems. She realized that there will be a lot more study sessions regarding rates and said she was happy to see the City utilizing RCAC as they have done work for the City in the past and have done a good job.

Discussion continued regarding adjustment to the sewer rate structure to make up for the deficit in the Sewer Fund.

Councilmember Johnson commented that it appears the sewer rate increase will be around 2%.

Finance Director Woodcox said to take into consideration that the rates are 70% fixed and 30% variable.

City Manager Knopp proposed a Budget Study Session be scheduled for May 27, 2015 at 6:30 p.m. Council concurred.

SPECIAL CALL ITEMS/COMMUNITY AFFAIRS

Invoice for Metropolitan Well Site Rehabilitation and Monitoring Wells

City Manager Knopp provided a brief update on the recent work done at the Metropolitan Well Site and said the project involved two components; rehabilitation and monitoring. He reported that two contractors collectively drilled three new monitoring wells, rehabilitated two existing water production wells and investigated a third well at the site. He said wells #1 and #3 were rehabilitated and pump tested and collectively produced over 350/gpm; the goal of the project was 200/gpm. He added that because of the success with these two wells, drilling a third well was not necessary.

City Manager Knopp then provided a summary of project costs and noted that both contractors' invoices came in under the estimates for an overall project cost savings of \$3,590.

Councilmember Johnson commented that Groundwater Pump and Well, Inc. was very anxious about the payment schedule and asked when the final payment would be made.

Finance Director Woodcox noted that their final payment went out on Friday, May 1st and that the other contractor was paid as well.

Councilmember Johnson also questioned when the Council could anticipate an update from the city engineer on the next phase of the project.

City Manager Knopp commented that the engineer may be providing a project update at the next meeting however: regarding the overall design of the wells, it is uncertain if they will have enough information to complete the design by then so will have to come back at a subsequent meeting.

REPORTS/STAFF COMMUNICATIONS

City Manager Knopp reviewed the May 5, 2015 City Manager Update as presented and said as indicated in the report, he attended a Groundwater Workshop and learned that for anyone within the Eel River Basin and Eel River Valley, they will be required to come up with a plan but it is unknown how that is going to happen at this point in time. He said the good news is that the Eel

MAY 5, 2015 MINUTES

Page 9

River Groundwater Basin does not show any depletion. He noted that it is important to collect data and tell the State that we want to manage our own groundwater management plan and said even with low river flows, the rain replenishes the groundwater. He suggested staff use monitoring wells for a groundwater level monitoring station.

Councilmember Johnson commented that he had also attended a workshop on groundwater a couple of month ago and said it is much better for local jurisdictions to form their own regulatory agency rather than fall back on the State and strongly encouraged the City to do so.

He also reported that staff will be developing a new application process for Special Event Permits as a result of increased interest in using public spaces for special events; said on the May 19th agenda will be a contract for AB 939 compliance (recycling) including a component for hazardous materials; said a regional statement on marijuana policy is being considered by the Humboldt County Board of Supervisors and considered for adoption by various counties over the next few weeks; said staff will be distributing various information to RCAC for the water rate analysis; the Rio Dell Community Survey that was put together by Tracy O'Connell on behalf of the Chamber is online; staff received materials today from O'Hearn & Associates related to the survey work on the school property, Davis St. River Access, and Northwestern Ave. and staff will be looking over the scope of work and moving those projects forward; he will be signing the contract related to the repair, restriping and reconfiguring of the downtown parking lot; added that there is no contract for lighting at the parking lot at this time but may be able to budget for lighting in next year's budget; and said we are entering into record lows on river flows.

Mayor Wilson asked if the City will be required to follow the County's marijuana policies when adopted or will have the ability follow its own regulations.

City Manager Knopp explained adoption of a regional marijuana statement by the County does not take away the City's ability to maintain local control.

Mayor Wilson then questioned the status of the school property acquisition.

City Manager Knopp said now that he has a property description he will be contacting the school administrators and board to see if they are still interested in proceeding with the transfer.

Mayor Wilson suggested staff provide multiple copies of the City Council agenda packet available for the public.

He also commented that he understood staff would be coming back to Council to continue discussions related to economic development.

City Manager Knopp pointed out that the CDBG program is a very important part of economic development and said a public hearing on the CDBG Program Income Reuse Plan was scheduled

MAY 5, 2015 MINUTES

Page 10

to be on this agenda but since CDBG public hearings have a 10-day noticing requirement; it was deferred to the next regular meeting.

Mayor Wilson said at the recent economic development workshop there was discussion regarding ways to promote economic development in the City and the CDBG program was not a component of that discussion. He said there were various ideas presented and a list of committees that could be established but nothing was conclusive. He questioned whether the issue should be brought back to the Council as an ongoing priority.

City Manager Knopp said staff will bring the matter back to the Council at the next meeting.

Melissa Marks asked if the City is going to restrict drive-thru at the downtown city parking lot.

City Manager Knopp responded that a notice has already been sent to the property owner that the access currently being used by the tenants will be eliminated.

Melissa Marks suggested the parking spaces be together rather than allowing them to park the opposite way for safety reasons.

City Manager Knopp said the primary focus has been on ADA accessibility and dedicated parking spaces along that northern wall and although it has been past practice for the tenants to park adjacent to the house it wouldn't be much of a disturbance for them to park in one of the designated parking spaces.

Councilmember Johnson asked if the idea is to perpetuate or eliminate the parking space.

City Manager Knopp stated that it is an informal parking space but the focus now is to get the parking lot striped and seal coated.

Councilmember Marks commented that if the tenant continues to park adjacent to the house once the parking lot is striped, it will continue to be a problem.

Mayor Wilson said he would like to see the entire parking lot

Mayor Wilson said he would like to see the entire City parking just that.

Finance Director Woodcox reported on recent activities in the finance department and said staff has been working on gathering data for the Water Rate Study including meter data and consumption numbers to make sure Accufund is picking up everything correctly; and also looking into the possibility of setting up the capability for monthly automatic credit card payments for customers and if determined it is an option, will bring it back to the Council for consideration. She said she attended a CDBG Procurement Workshop and said it was very informative regarding procurement of federal funds for CDBG projects.

COUNCIL REPORTS/COMMUNICATIONS

Councilmember Thompson reported on HWMA activities and said they went out to bid for the final capping of the Cumming landfill with a bid estimate of \$2.7 million and the low bid came in at \$2.2 million. He noted the project is expected to be completed by the end of October for a total long-term cost of \$12 million.

Councilmember Johnson reported that he would be traveling to Crescent City tomorrow to attend a Last Chance Stakeholders meeting scheduled for 6 hours; and said the next League of California Cities Regional meeting will be held in Ferndale on May 22nd and encouraged all councilmembers and staff to attend, adding that it will be a great meeting.

ADJOURNMENT

Motion was made by Johnson/Garnes to adjourn the meeting at 8:20 p.m. to the May 19, 2015 regular meeting. Motion carried 5-0.

Frank Wilson, Mayor



Attest:

Karen Dunham, City Clerk

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Rio Dell, CA 95562
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**CITY OF RIO DELL
STAFF REPORT
CITY COUNCIL AGENDA
May 19, 2015**

TO: Mayor and Members of the City Council
THROUGH: Kyle Knopp, City Manager 
FROM: Brooke Woodcox, Finance Director 
DATE: May 19, 2015
SUBJECT: TDA Claim Submission

RECOMMENDATION

Authorize the Finance Director to sign and submit the City's annual TDA Claim

BUDGETARY IMPACT

Receipt of the City's 2015-2016 annual Transportation Development Act allocation in the amount of \$108,945.

BACKGROUND AND DISCUSSION

Each year the City submits a request for approval of its annual transportation claim to HCOAG. The 2015-2016 projected allocation is \$108,945 in comparison to last year's TDA claim of \$108,609. Proposed projects outlined in the City's 2015-2016 financial plan includes \$41,865 to be provided to HTA/RTS for the City's share of cost, \$6,500 to be provided to the Humboldt Senior Resource Center for senior transportation, and \$60,580 for ongoing street repair, maintenance, and construction within the City.

HCAOG

Humboldt County Association of Governments

Resolution 15-08

RESOLUTION OF THE HUMBOLDT COUNTY ASSOCIATION OF GOVERNMENTS APPROVING THE TRANSPORTATION DEVELOPMENT ACT (TDA) LOCAL TRANSPORTATION FUND (LTF) FISCAL YEAR 2015-2016 FINDINGS OF APPORTIONMENT AND ALLOCATION

WHEREAS, the Humboldt County Association of Governments is the Regional Transportation Planning Agency for Humboldt County, and is responsible for the administration of the Transportation Development Act of 1971, as amended thereafter; and

WHEREAS, the Humboldt County Association of Governments has established rules and regulations, consistent with existing law, whereby there shall be a set-aside for pedestrian and bicycle allocations equivalent to 2% of the money remaining in the fund after allocations to higher purposes; and

WHEREAS, the Humboldt County Association of Governments did not make a finding for better use; and

WHEREAS, the County of Humboldt, and the Cities of Arcata, Blue Lake, Eureka, Ferndale, Fortuna, Rio Dell and Trinidad are each required to file annual transportation claims for the funds which remain after necessary expenditures for administration, planning and the 2% set aside for pedestrian and bicycle uses from the Local Transportation Fund of Humboldt County, in accordance with their populations, apportioned to them by the Humboldt County Association of Governments, pursuant to the Act; and

WHEREAS, it is the responsibility of the Humboldt County Association of Governments, under the provisions of the Act, to review the annual transportation claims and to make allocations of monies from the Local Transportation Fund; and

WHEREAS, the Auditor of Humboldt County is instructed to pay monies in the fund to the claimants pursuant to allocation instructions received from the Humboldt County Association of Governments; and

WHEREAS, the County Auditor issued an estimate of revenues in the amount of \$4,706,225 for Local Transportation Funds (LTF) for FY 2015-2016.

NOW, THEREFORE, BE IT RESOLVED that the Humboldt County Association of Governments shall make the following allocations based on population estimates determined by the California Department of Finance:

1. To the Humboldt County Association of Governments for TDA administration and for planning and programming in the amount of \$230,000, per Section 99233.1 and 99233.2.
2. To the Humboldt County Auditor Controller for TDA Administration in the amount of \$4,000, per Section 99243.
3. To be reserved by the Humboldt County Auditor's Office for future reimbursements to the Cities and County for pedestrian and bicycle facilities purposes for local agencies as programmed and claimed in the amount equal to 2% of remaining incoming funds estimated to be \$89,445 per Sections 99233.3 and 99234.
4. To the Cities and County in the amounts listed below, upon review of claims filed:

	Population	% of Total Population	FY 2015-16 Estimate
Arcata	17,734	13.17%	577,240
Blue Lake	1,251	0.93%	40,720
Eureka	26,914	19.99%	876,048
Ferndale	1,357	1.01%	44,170
Fortuna	11,902	8.84%	387,409
Rio Dell	3,347	2.49%	108,945
Trinidad	361	0.27%	11,751
Humboldt County	71,782	53.31%	2,336,498
Total	134,648	100%	\$ 4,382,781

PASSED AND ADOPTED by the Humboldt County Association of Governments, in the City of Eureka, County of Humboldt, State of California, this 19th day of February 2015, by the following vote:

AYES: MEMBERS: Ornelas, Strehl, McCall-Wallace, Hindley,
West, Johnson, Fennell

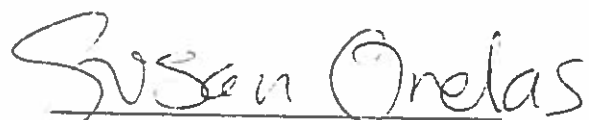
NOES: MEMBERS: none

ABSENT: MEMBERS: Sager

ABSTAIN: MEMBERS: none

Attest:


Siana L. Watts, HCAOG Executive Assistant


Susan Ornelas, HCAOG Chair

APPENDIX C. ANNUAL CLAIM FORMS

CHECKLIST FOR ANNUAL LTF & STAF CLAIMS

By April 1 of each year, or at such time as preliminary budgeting information is available, the claimant shall file an annual claim with HCAOG.

■ **Non-Transit Claims:** Claimants shall submit items (a) through (d), inclusive, as part of the claim.

■ **Transit Claims:** An operator or transit service claimant shall submit items (a) thru (h), inclusive, to file a claim.

ALL claims must include items (a) through (d), inclusive.

HCAOG forms for parts (a), (b), and (c) are provided in this Excel file and on-line at www.hcaog.net.

Claimants are responsible for making sure they submit the most current forms.

- ☒ a) HCAOG "Claim Request" form. *[Included in following sheet]*
- ☒ b) HCAOG "Annual Project and Financial Plan" form. *[Included in following sheet]*
- ☒ c) HCAOG "Statement of Conformance" form. *[Included in following sheet]*
- ☐ d) Claimants who want to designate funds for a future, specific capital project must request it as part of a claim. The claim must indicate any reserved monies in the subsequent annual claim(s). Before expending these funds for any other purpose, the claimant must identify its proposed changes in an amended claim or subsequent annual claim. [CCR §6648]

Only transit claims must include items (e), (f), (g), and (h):

- ☐ e) To receive an allocation of funds for service outside the claimant's area, a claimant must provide, or have on file with HCAOG, an executed contract pursuant to PUC sections:
 - §99231(f) -- Apportionment: Where a county or city provides public transportation services beyond its boundaries;
 - §99260.2 -- Claims for peak-hour service;
 - §99260.7 -- Claims for separate service to elderly and handicapped persons by JPA members;
 - §99277 -- Service contracts;
 - §99288 -- Extended service by contract or authorization;
 - §99400(c) -- Claims Purposes: payment to entities under contract; or
 - §99400.5 -- Multi-modal transportation terminals.
- ☐ f) If applicable, a statement identifying and substantiating the reason or need for: (1) increasing the operating budget in excess of 15% above the preceding year; (2) a substantial increase or decrease in scope of operations; or (3) capital provisions for major new fixed facilities.
- ☒ g) A certification by CHP verifying that the operator is in compliance with §1808.1 of the Vehicle Code, as required in PUC §99251. The certification shall have been completed within the last 13 months, prior to filing claims.
- ☐ h) A financial statement of actual and projected revenues and expenditures for the prior fiscal

For full information on claim requirements, see HCAOG's TDA Rules (part IV, "TDA REQUIRED REPORTS" Report #16).

CLAIM REQUEST

Check one:

- ☐ State Transit Assistance (STA) Fund
☒ Local Transportation Fund (LTF)

Claimant: City of Rio Dell
Address: 675 Wildwood Avenue, Rio Dell, CA 95562
Contact Person: Brooke Woodcox
Title: Finance Director
Phone: (707) 764-3532
E-mail: bwoodcox@riodellcity.com

The City of Rio Dell hereby requests, in accordance with the Transportation Development Act of 1971, Chapter 1400, and applicable rules and regulations, that its annual transportation claim be approved in the amount of \$ 108,945 for fiscal year 2015-2016. These monies are to be drawn from the local transportation fund of the County of Humboldt for the purposes and amounts shown in the attached "Annual Project and Financial Plan."

When approved, please transmit this claim to the County Auditor of the County of Humboldt for payment. Approval of the claim and payment by the County Auditor to this applicant is subject to such monies being on hand and available for distribution, and to the provisions that such monies will be used only in accordance with the terms of the approved annual financial plan.

Authorized representative of claimant:

By: Brooke Woodcox
(print name)

Title: Finance Director

Signature: _____ Submittal date: _____

APPROVED:

By: _____ Date: _____

Marcella Clem

Executive Director, Humboldt County Association of Governments

ANNUAL PROJECT AND FINANCIAL PLAN

Give each project a title and number in sequence, and briefly describe the transportation projects that your jurisdiction proposes. Indicate proposed expenditures for the ensuing fiscal year for all that apply:

- (i) public transportation operating and capital expenditures;
- (ii) construction of facilities for the exclusive use by pedestrians and bicyclists;
- (iii) construction of local streets and roads; and/or
- (iii) right-of-way acquisition.

Claimant: City of Rio Dell

Fiscal Year: 2015-2016

PROJECT (Project number, title, & brief description)	TDA - LTF \$ amount	PUC Article & Section	TDA - STA \$ amount	CCR Section	Local Fund Balance	Other	TOTAL
06-01 HTA/RTS Share of Cost	\$ 41,865	4-99260(a.)	\$ -		\$ -		\$ 41,865
06-02 HSRC Share of Cost	\$ 6,500	8-99400(c.)	\$ -		\$ -		\$ 6,500
06-03 Street Repair, Const. Maint.	\$ 60,580	8-99400(a.)	\$ -		\$ -		\$ 60,580
	\$ -	-	\$ -		\$ -		\$ -
	\$ -	-	\$ -		\$ -		\$ -
	\$ -	-	\$ -		\$ -		\$ -
	\$ -	-	\$ -		\$ -		\$ -
	\$ -	-	\$ -		\$ -		\$ -
	\$ -	-	\$ -		\$ -		\$ -
	\$ -	-	\$ -		\$ -		\$ -
	\$ -	-	\$ -		\$ -		\$ -
TOTAL	\$ 108,945		\$ -		\$ -	-	\$ 108,945

*Rio Dell City Hall
675 Wildwood Avenue
Rio Dell, CA 95562
(707) 764-3532
riodellcity.com*



May 19, 2015

TO: Rio Dell City Council

FROM: Kyle Knopp, City Manager 

SUBJECT: Authorize the City Manager to Sign Memorandum of Understanding with the Redwood Coast Energy Authority for Electric Vehicle Charging Stations.

IT IS RECOMMENDED THAT THE CITY COUNCIL:

Authorize the City Manager to sign MOU with RCEA for EV charging stations.

BACKGROUND AND DISCUSSION

The City Council authorized the City Manager to sign an EV charging station MOU on April 7th of this year. Since that Council meeting, the MOU has undergone some clarifications, including the addition of Attachment B regarding the revenue sharing plan. These changes are consistent with the presentation RCEA gave on this project on April 7th. As your council may recall, the initial plans for the EV station involved some staff time in the administration of billing for the EV station. Staff worked with RCEA to eliminate that involvement. Attachment B helps spell that process out and also memorializes a 50/50 revenue sharing plan should the EV stations countywide generate revenue above its costs to RCEA. At this point in time, it is not expected that revenue from the charging station will be substantial.

Attached is a copy of the full and final MOU with a new Attachment B and all changes from the last MOU highlighted.

///

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE CITY OF RIO DELL AND
THE REDWOOD COAST ENERGY AUTHORITY**

1. Purpose

The purpose of this Memorandum of Understanding ("MOU") is to set forth the terms and conditions between the City of Rio Dell ("SITE HOST") and the Redwood Coast Energy Authority ("RCEA") for a partnership to provide plug-in electric vehicle charging to the general public at 675 Wildwood Ave, Rio Dell, CA 95562 ("LOCATION").

2. Context

RCEA has entered into an agreement with the California Energy Commission (CEC) to receive grant funding pursuant to Grant # PON-13-606, for the "North Coast Plug-In Electric Vehicle Charging Network" program. That grant includes funding to install electric vehicle supply equipment (EVSE) at nine locations in Humboldt County. RCEA and the SITE HOST agree that the LOCATION is a desirable site for public electric vehicle charging infrastructure and agree to work together to install and operate EVSE at this site.

3. Roles and Responsibilities

Through this MOU, the SITE HOST agrees to serve as the site host for EVSE and RCEA agrees to install, own, and operate the EVSE; each party agrees to the following roles and responsibilities:

- A. At no cost to the SITE HOST, RCEA will install, own, operate, and maintain the EVSE, and will be responsible for performing any required repairs or upgrades to the EVSE.
- B. Equipment installed by RCEA will be:
 - a. Pedestal-mounted SAE J1772-standard compliant, Level 2, 240V EVSE able to service two vehicles at a time.
 - b. Post-mounted SAE J1772-standard compliant, Level 1, 120V EVSE able to service one vehicle at a time in the ADA-designated parking space.
- C. The SITE HOST will allow RCEA to install the EVSE, associated signage and pavement marking, and new and separate electrical service at the LOCATION. RCEA shall be responsible for the new electrical service while this MOU is in effect. All work will be performed by appropriately licensed and insured contractors who shall obtain electrical permits and City business licenses.
- D. The SITE HOST will designate two parking spaces, as shown on the attached conceptual site plan, as reserved for users of the EVSE. One parking space shall be designated "EV Only", and shall be available for use 24-hours a day, 7 days a week. The second parking space shall be designated "EV Preferred", with no time restriction. The EVSE shall rely on existing ambient parking lot lighting levels for evening and night usage.
- E. The EVSE supplied to the ADA space is for courtesy purposes, and has no restrictions regarding EV charging.

F. RCEA will set pricing and collect payment from users of the EVSE. Revenue sharing is described in the attached revenue sharing plan.

G. The terms of this MOU shall stay in effect as long as the EVSE remains in place at LOCATION. The SITE HOST will continue to host the EVSE under the terms of this MOU through June 30, 2017, which date may be extended upon the mutual agreement in writing of the parties. After June 30, 2017, either the SITE HOST or RCEA may give the other party 90 days' written notice of intent to terminate this MOU, and within 90 days of such notice, RCEA will either remove the EVSE and any associated signage at no cost to the district and restore the site to its original condition, or transfer ownership of the EVSE to the SITE HOST for the SITE HOST's continued sole operation and maintenance.

4. Hold Harmless and Indemnification

RCEA agrees to indemnify, defend and hold harmless the SITE HOST, its Governing Board, its officers, agents, employees, and volunteers from any and all claims and losses, whatsoever, accruing or resulting from any and all subcontractors, laborers, and any other person, firm or corporation furnishing or supplying work services, materials, or supplies in connection with the performance of this Agreement, and from any and all claims and losses accruing or resulting to any person, firm or corporation who may be injured or damaged as a result of the RCEA, its officers, agents employees and volunteers, pertaining to RCEA's performance of this Agreement.

SITE HOST agrees to indemnify, defend and hold harmless RCEA, its Governing Board, its officers, agents, employees, and volunteers from any and all claims and losses, whatsoever, accruing or resulting from its performance of this Agreement, and from any and all claims and losses accruing or resulting to any person, firm or corporation who may be injured or damaged as a result of the SITE HOST, its officers, agents, employees and volunteers, pertaining to the SITE HOST's performance of this Agreement.

5. Insurance

A. RCEA agrees to maintain, at a minimum, the insurance coverage or self-insurance coverage as set out below at all times during the terms of this MOU. Failure to maintain the required insurance shall be grounds for termination of this MOU. Said coverage shall include an endorsement to add the SITE HOST, its officers, agents and employees, as additional insureds with respect to liability arising out of or connected with the services to be provided under this MOU. Said coverage shall additionally be endorsed to specify that the RCEA insurance is primary and that insurance or self-insurance maintained by the SITE HOST shall not contribute with it. Upon request, RCEA shall furnish the SITE HOST with certificates of insurance and endorsements of all required insurance. Said documentation shall state that coverage shall not be cancelled except after thirty (30) days prior written notice has been given to the SITE HOST.

B. Workers' Compensation and Employers' Liability Insurance: RCEA shall provide Workers' Compensation and Employers' Liability insurance for RCEA's employees and agents to the extent required by law.

C. Commercial General Liability: RCEA shall maintain \$1 million minimum commercial general liability insurance coverage.

- D. Business Auto: RCEA shall maintain \$1 million minimum business automobile insurance coverage.
- E. Professional Liability Insurance: RCEA shall maintain \$1 million minimum professional liability insurance.

6. Assignment

Neither party shall assign its obligations under this Agreement without the prior written consent of the other.

7. Nondiscriminatory Employment

In connection with the execution of the Agreement, RCEA and the SITE HOST shall not unlawfully discriminate against, harass, or allow harassment against any employee or applicant for employment because of sex, race, religion, color, national origin, ancestry, disability, sexual orientation, medical condition, marital status, age (over 40), or denial of family-care leave, medical-care leave, or pregnancy-disability leave. RCEA and the SITE HOST shall ensure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination and harassment.

8. Entirety of Contract

This Agreement shall constitute the entire agreement between the parties relating to the subject matter of this agreement, and shall supersede any previous agreements, promises, representation, understanding and negotiation, whether oral or written, concerning the same subject matter. Any and all act which may have already been consummated pursuant to the terms which are embodied in this Agreement are hereby ratified.

9. Notices

Whenever it is provided in this agreement that RCEA or the SITE HOST shall give written notice to the other, said notice may be given by delivering a copy of said notice to the other party personally, or by mailing first class mail through the U.S. Postal Service, a copy of said notice at the following addresses:

[a. City of Rio Dell
Kyle Knopp, City Manager
675 Wildwood Ave, Rio Dell, CA 95562]

b. Redwood Coast Energy Authority
Matthew Marshall, Executive Director
633 3rd St., Eureka, CA 95501

10. Compliance with Applicable Laws

The RCEA and the SITE HOST shall comply with any and all applicable federal, state and local laws affecting the activities covered by this Agreement.

11. Jurisdiction and Venue

This Agreement shall be construed in accordance with the laws of the State of California, and the parties hereto agree that venue shall be in Humboldt County, California.

12. Headings

The headings of this Agreement are for purposes of reference only and shall not limit or define the meaning of the provisions of this Agreement.

13. Severability

If a portion, term, condition or provision of this MOU is determined by a court to be illegal or in conflict with a law of the State of California, or is otherwise rendered unenforceable or ineffectual, the validity of the remaining portions, terms, conditions and provisions is not affected.

14. Waiver

The waiver of any breach of any provision hereunder by any party hereto shall not be deemed to be a waiver of any preceding or subsequent breach hereunder.

15. Effective Date

This MOU becomes effective when executed by authorized representatives of both parties.

16. Amendments and Termination of the MOU

This MOU will continue until terminated by either party with 90 days' notice to other party, but not before June 30, 2017. The parties may change this agreement with unanimous consent, but no addition to, or alteration of, the terms of this Agreement shall be valid unless made in writing and signed by the parties hereto. If either of the parties has reason to believe that the terms of the MOU are not being fulfilled, any party may provide written notification to the others stating the basis for the concern and providing a reasonable time to respond or remedy the situation. RCEA and the SITE HOST will make reasonable efforts to resolve the issues to all parties' satisfaction.

IN WITNESS WHEREOF the parties hereto have executed this agreement the day and year first written below by their duly authorized representatives, having full authority to so act for and on behalf of the parties hereto.

Redwood Coast Energy Authority

By: _____
Matthew Marshall, Executive Director

Date: _____

SITE HOST

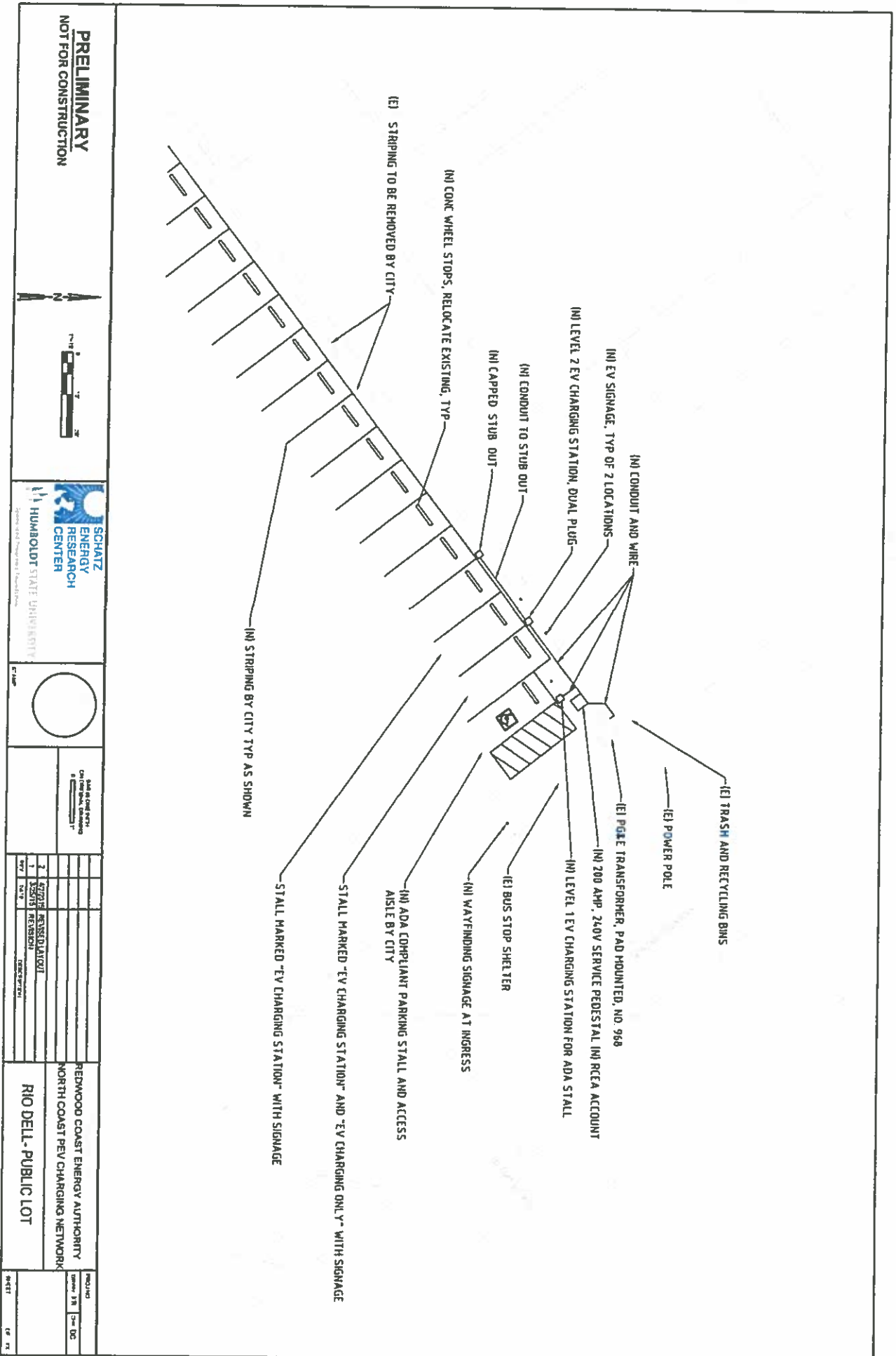
By: _____
Kyle Knopp, City Manager

Date: _____

Attachment A - Conceptual Site Plan

Attachment B - Electric Vehicle Charging Network Revenue Sharing Plan

ATTACHMENT A - CONCEPTUAL SITE PLAN



ATTACHMENT B: ELECTRIC VEHICLE CHARGING NETWORK REVENUE SHARING PLAN

1. Purpose

The Redwood Coast Energy Authority ("RCEA") is establishing partnerships to provide plug-in electric vehicle charging stations to the general public at various locations in Humboldt County. As part of this activity, RCEA uses a revenue sharing plan to cover operating costs, encourage site host participation, and further develop charging stations. This revenue sharing plan shall be considered part of an active memorandum of understanding ("MOU") between RCEA and SITE HOST.

2. Energy and Service Pricing

Customer energy and service prices shall be set by RCEA. The pricing goals are to:

- Generate sufficient funds to pay for routine operating and maintenance costs of the electric vehicle infrastructure;
- Maintain an electricity price at or below conventional gasoline costs for an equivalent distance traveled;
- Build a contingency fund for unplanned costs such as from power disruption, accidents, vandalism, and other unforeseen situations.
- Generate shared revenue, assuming other pricing goals are met.

Site hosts will be informed in advance of any price changes.

3. Cost Recovery

Revenues shall first be used to recover all operation and maintenance costs of the total regional electric vehicle infrastructure.

RCEA shall bear the burden of all financial shortfalls should revenues fail to cover costs. It remains at RCEA's discretion to suspend or terminate operation of the electric vehicle charging station based on excessive costs, within the terms of the MOU.

4. Revenue Generation

Should the station generate revenues beyond the RCEA costs and contingency requirements for the total regional electric vehicle infrastructure, RCEA shall share these revenues on an equal basis with the site host. Where the site host includes multiple parties, it is at the discretion of these parties to determine how to apportion their share. When applicable, revenues shall be calculated and provided to the site host in a quarterly statement, along with any associated payments.

As a government agency, RCEA shall use their revenue share to improve and expand local opportunities for vehicle fueling alternatives to fossil fuels. Actions may include, but are not limited to, conducting education and outreach on alternative fuels, adding additional infrastructure, and expanding network features and capacity.

*Rio Dell City Hall
675 Wildwood Avenue
Rio Dell, CA 95562
(707) 764-3532
riodellcity.com*



May 19, 2015

TO: Rio Dell City Council

FROM: Kyle Knopp, City Manager

SUBJECT: Receive and File Report on Metropolitan Well Site Rehabilitation Performed by Groundwater Pump & Well Inc.

IT IS RECOMMENDED THAT THE CITY COUNCIL:

Receive the report.

BACKGROUND AND DISCUSSION

Initial work on the Metropolitan Well Site commenced on April 20, 2015 and concluded on the morning of April 28, 2015. Central to the project has been the rehabilitation of the wells on site, and this project was eventually awarded to Groundwater Pump and Well Inc. (GPWI) out of Healdsburg. GPWI was selected by the City Manager after an open bidding process found no bidders on the project.

Attached is the final report from GPWI reporting out on their work at the Metropolitan Well Site. Between wells #3 and #1 the report indicates 350 gallons per minute of capacity out of the existing infrastructure for that time of year. This capacity level is more than sufficient for the well project to move forward.

///



C-57 DRILLING AND PUMP LIC - CLASS A GENERAL ENGINEERING LIC
C-10 ELECTRICAL CONTRACTOR - C-55 WATER TREATMENT LIC

May 6, 2015

It was a pleasure to work for The City Of Rio Dell. Your staff and your people that worked with us, were very courteous and helpful.

If there are any questions, or any part of this report, you want to discuss, please call me.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Robt Foster Sr', is written over a blue circular stamp or seal.

President

GWP&W

707 433 3419 ext 1



C-57 DRILLING AND PUMP LIC - CLASS A GENERAL ENGINEERING LIC

C-10 ELECTRICAL CONTRACTOR - C-55 WATER TREATMENT LIC

Table of Contents

1. Letter of Introduction
2. Overview
3. Drawdown Test Well 3
4. Drawdown Test Well 1
5. Well Videos, 3 and 1
6. Good Record Keeping

1421 Grove Street
P.O. Box 1469
Healdsburg, CA 95448
Phone: (707) 433-3419
Fax: (707) 433-9421

www.groundwaterpumpandwell.com



**C-57 DRILLING AND PUMP LIC - CLASS A GENERAL ENGINEERING LIC
C-10 ELECTRICAL CONTRACTOR - C-55 WATER TREATMENT LIC**

Letter Of Introduction

Demands on California's water resources will only increase in the coming years. Groundwater Pump & Well, Inc. has taken an active role in the development of new technologies that offer more efficient water systems. Our primary focus is to design systems that will save on operating costs and provide rehabilitation techniques on existing wells that will increase production and lower pumping costs.

Groundwater Pump & Well was founded in 1990 to provide contracting and consulting services for the groundwater industry. As professionals in the groundwater industry our company specializes in groundwater planning, development and supervision.

Ron Foster Sr. & Ron Foster Jr. founded Groundwater Pump & Well; Healdsburg, with the philosophy of applying best methods tempered with sound professional judgment. Ron Sr. has over 50 years experience in Groundwater development including well design, construction, operation, and management in California, Arizona, New Mexico, Nevada, and Utah. He has experience in the design and construction of environmentally controlled water systems, for frost protection and irrigation; design and construction of pumping stations from wells and storage reservoirs; including specialty systems such as package pumps for golf courses; in the Western United States and in the countries of Vietnam, Peru, Bolivia, Libya, and Iran. Ron Jr. also brings over 30 years experience in groundwater installation and is an "expert" in motor control systems.

Since 1990 Groundwater Pump & Well, Healdsburg California, has worked for Vineyards, Wineries, Municipalities, Privately Owned Resorts and Residential Systems. To name a few Groundwater has provided services for Artesa Vineyards, Clo Du Bois, Kendal Jackson Winery, Cal American Water, Sonoma County Water Agency, City of Rohnert Park, City Of Cotati, Sweetwater Springs Mut Water Co, Calistoga Spa & Calpine. This is just a small representation of Groundwater's clientel.

It is Groundwater Pump & Well's goal to provide our customers through out Northern California, Sonoma, Napa, Mendocino & Humboldt Counties with the best possible solutions to all their water system needs.

Thank you for taking some time to learn a little bit more about Groundwater Pump & Well. If you have any questions or would like to discuss your water needs please contact us here at (707) 433-3419.

Thank you,

Ron Foster Sr.



C-57 DRILLING AND PUMP LIC - CLASS A GENERAL ENGINEERING LIC

C-10 ELECTRICAL CONTRACTOR - C-55 WATER TREATMENT LIC

Overview

Project Background and Description

The City of Rio Dell is in an area of The State of California, that like many areas in California, is affected by the drought. With the drought affecting many areas of California, they too could be affected if their current water source could be at risk. The City of Rio Dell has several water wells that at one time produced enough water to assist them during this times of water scarcity.

Project Scope

The City of Rio Dell, working with GHD Engineering, hired Groundwater Pump & Well, Inc. of Healdsburg, California, to inspect and rehabilitate these wells. Groundwater Pump & Well (GWP&W) has many years of experience in this field, working and rehabilitating hundreds of water wells. GWP&W has developed special methods of well development and rehabilitation that will outperform many old methods.

Project Action

Groundwater Pump and Well, Inc. used a specially designed "Advanced Hydro Development Tool" that allows direct reading of well performance (GPM) and observes the data as the work is being executed. The difference is that this method allows us to read the GPM and pumping water level during the process, which is not possible with any other methods. It's especially good in shallow wells (100 feet or less), where the hydraulic ability is reduced, compared to deeper wells.

Explanation and Results of the Rehabilitation Work Performed By Groundwater Pump & Well:

Step 1, A down-hole video survey was performed on Well , # 1, well # 3 and Old Well # 3. This survey inspects and identifies the conditions of the inner casing, and encrustation or build up over the perforated zone. It also identifies the location/how deep (feet from the surface), the perforations are. This information allows us to proceed with the right development process.

Step 2, A complete "Brushing" (cleaning) of the inner casing and perforated area was performed. This process cleans and "opens up" the perforations in the well, and allows the water to enter more freely into the well.

Step 3, We ran our Advanced Hydro Development Tool, (AHDT) in the well to develop the aquifer (outside the well borehole). This process differs from the Brushing operation. The AHDT extracts (pumps) water out of the well, coinciding with swabbing the perforations in the well.

Step 4, We then installed a test pump in the well(s) to perform a step drawdown test on the well(s). This procedure pumps the well at a prescribed rate for a set time, in this case 160 minutes. During this time we measure the gallons per minute, the drawdown of the water level and the specific capacity, (Gal Per Ft of Drawdown). We performed this test at three different production levels. Well # 3 (PVC Well) Produced 150 gallons Per Minute. Well # 1, (steel cased well) produced 200 Gallons Per Minute. See reports.

Observations; *Well # 3* (PVC cased well), During the Draw Down Test, the well stabilized very quickly, and had a constant pumping rate throughout the test. (See test reports)

Well # 1 Steel cased well. The perforations are machine slots, and the wall thickness is at least 3/8" thick. It appears there has been a chlorine solution introduced into the well from ground level, causing some build up on the inside of the casing. We strongly advise that chlorine solution be introduced through a PVC line extending down just above the pump.

After a down hole video was performed on the Old well # 3, it was decided by The City of Rio Dell to abandon the work on this well (OLD WELL # 3). The top cement pedestal is cracked and compromised, allowing surface water to enter the well. This well should be abandoned according to Bulletin 74-90, and Humboldt Standards. See Attached Reports:

End Of report:

Ron Foster Sr

President GWP&W

707 433 3410 ext. 1

Groundwater Pump Well, Inc
Phone: 707-433-3419 Fax: 707-433-9421
Aquifer Test Data Sheet

Date: 4/22/2015 Sheet 1 of 3
 Owner: City of Rio Dell
 Operator: Brian Bradford Address: 975 Wildwood Ave, Rio Dell, CA 95562
 Type Of Test: Step Draw Down Well No.: 3 (PVC casing)
 Company Performing Test: Groundwater Pump & Well, Inc. (License No 630428)

Date	Time	Water Level Date	Discharge Data
Pump On: 04/22/15	7:20 AM	Static Water Level: 39.9	How Measured: flow meter
Pump Off: 04/22/15	2:33 PM	Measuring Point: top of casing	Depth Pump:

CLOCK/ TIME				WATER LEVEL MEASUREMENT		DISCHARGE RATE	
DATE	TIME	MINUTES	INTERVAL	P.L.	D.D.	G.P.M.	S.Y.
50 gpm	4/22/2015	7:21 AM	1	41.3	1.4	50	35.71
	4/22/2015	7:22 AM	2	41	1.1	50	45.45
	4/22/2015	7:24 AM	4	41	1.1	50	45.45
	4/22/2015	7:26 AM	6	41	1.1	50	45.45
	4/22/2015	7:28 AM	8	41.1	1.2	50	41.67
	4/22/2015	7:30 AM	10	41	1.1	50	45.45
	4/22/2015	7:32 AM	12	41	1.1	50	45.45
	4/22/2015	7:34 AM	14	41	1.1	50	45.45
	4/22/2015	7:35 AM	15	41	1.1	50	45.45
	4/22/2015	7:36 AM	16	41	1.1	50	45.45
	4/22/2015	7:38 AM	18	41	1.1	50	45.45
	4/22/2015	7:40 AM	20	41	1.1	50	45.45
	4/22/2015	7:42 AM	22	41	1.1	50	45.45
	4/22/2015	7:44 AM	24	41	1.1	50	45.45
	4/22/2015	7:46 AM	26	41	1.1	50	45.45
	4/22/2015	7:48 AM	28	41	1.1	50	45.45
	4/22/2015	7:50 AM	30	41	1.1	50	45.45
	4/22/2015	7:52 AM	32	41	1.1	50	45.45
	4/22/2015	7:54 AM	34	41	1.1	50	45.45
	4/22/2015	7:56 AM	36	41	1.1	50	45.45
	4/22/2015	7:58 AM	38	41	1.1	50	45.45
	4/22/2015	8:00 AM	40	41	1.1	50	45.45
	4/22/2015	8:02 AM	42	41	1.1	50	45.45
	4/22/2015	8:04 AM	44	41	1.1	50	45.45
	4/22/2015	8:06 AM	46	41	1.1	50	45.45
	4/22/2015	8:08 AM	48	41	1.1	50	45.45
	4/22/2015	8:10 AM	50	41	1.1	50	45.45
	4/22/2015	8:12 AM	52	41	1.1	50	45.45
	4/22/2015	8:14 AM	54	41	1.1	50	45.45
	4/22/2015	8:16 AM	56	41	1.1	50	45.45
	4/22/2015	8:18 AM	58	41	1.1	50	45.45
	4/22/2015	8:20 AM	60	41	1.1	50	45.45
	4/22/2015	8:50 AM	90	41	1.1	50	45.45
	4/22/2015	9:20 AM	120	41	1.1	50	45.45
	4/22/2015	9:50 AM	160	41	1.1	50	45.45
100 gpm	4/22/2015	9:52 AM	2	43.1	3.2	100	31.25
	4/22/2015	9:54 AM	4	43	3.1	100	32.26
	4/22/2015	9:56 AM	6	43	3.1	100	32.26
	4/22/2015	9:58 AM	8	43	3.1	100	32.26

38 PSI BP

30 PSI BP

Groundwater Pump Well, Inc
Phone: 707-433-3419 Fax: 707-433-9421
Aquifer Test Data Sheet

Date: 4/22/2015 Sheet 2 of 3
 Owner: City of Rio Dell
 Operator: Brian Bradford Address: 975 Wildwood Ave. Rio Dell, CA 95562
 Type Of Test: Step Draw Down Well No.: 3 (PVC Casing)
 Company Performing Test: Groundwater Pump & Well, Inc (License No 630428)

Date	Time	Water Level Date	Discharge Data
Pump On: 04/22/15	7:20 AM	Static Water Level: 39.9	How Measured: flow meter
Pump Off: 04/22/15	2:33 PM	Measuring Point: top of casing	Depth Pump:

CLOCK/ TIME				WATER LEVEL MEASUREMENT		DISCHARGE RATE	
DATE	TIME	MINUTES	INTERVAL	P.L.	D.D.	G.P.M.	S.Y.
4/22/2015	10:00 AM	10		43	3.1	100	32.26
4/22/2015	10:02 AM	12		43	3.1	100	32.26
4/22/2015	10:04 AM	14		43	3.1	100	32.26
4/22/2015	10:06 AM	16		43	3.1	100	32.26
4/22/2015	10:08 AM	18		43	3.1	100	32.26
4/22/2015	10:10 AM	20		43	3.1	100	32.26
4/22/2015	10:12 AM	22		43	3.1	100	32.26
4/22/2015	10:14 AM	24		43	3.1	100	32.26
4/22/2015	10:16 AM	26		43	3.1	100	32.26
4/22/2015	10:18 AM	28		43	3.1	100	32.26
4/22/2015	10:20 AM	30		43	3.1	100	32.26
4/22/2015	10:22 AM	32		43	3.1	100	32.26
4/22/2015	10:24 AM	34		43	3.1	100	32.26
4/22/2015	10:26 AM	36		43	3.1	100	32.26
4/22/2015	10:28 AM	38		43	3.1	100	32.26
4/22/2015	10:30 AM	40		43	3.1	100	32.26
4/22/2015	10:32 AM	42		43	3.1	100	32.26
4/22/2015	10:34 AM	44		43	3.1	100	32.26
4/22/2015	10:36 AM	46		43	3.1	100	32.26
4/22/2015	10:38 AM	48		43	3.1	100	32.26
4/22/2015	10:40 AM	50		43	3.1	100	32.26
4/22/2015	10:42 AM	52		43	3.1	100	32.26
4/22/2015	10:44 AM	54		43	3.1	100	32.26
4/22/2015	10:46 AM	56		43	3.1	100	32.26
4/22/2015	10:48 AM	58		43	3.1	100	32.26
4/22/2015	10:50 AM	60		43	3.1	100	32.26
4/22/2015	11:20 AM	90		43	3.1	100	32.26
4/22/2015	11:50 AM	120		43	3.1	100	32.26
4/22/2015	12:20 PM	160		43	3.1	100	32.26
4/22/2015	12:22 PM	2		47.1	7.2	150	20.83
4/22/2015	12:24 PM	4		47	7.1	150	21.13
4/22/2015	12:26 PM	6		47	7.1	150	21.13
4/22/2015	12:28 PM	8		47	7.1	150	21.13
4/22/2015	12:30 PM	10		47	7.1	150	21.13
4/22/2015	12:32 PM	12		47	7.1	150	21.13
4/22/2015	12:34 PM	14		47	7.1	150	21.13
4/22/2015	12:36 PM	16		47	7.1	150	21.13
4/22/2015	12:38 PM	18		47	7.1	150	21.13
4/22/2015	12:40 PM	20		47	7.1	150	21.13

150 gpm

Groundwater Pump Well, Inc
Phone: 707-433-3419 Fax: 707-433-9421
Aquifer Test Data Sheet

Date: 4/22/2015 Sheet 3 of 3
 Owner: City of Rio Dell
 Operator: Brian Bradford Address: 975 Wildwood Ave, Rio Dell, CA 95562
 Type Of Test: Step Draw Down Well No.: 3 (PVC Casing)
 Company Performing Test: Groundwater Pump & Well, Inc. (License No 630428)

Date	Time	Water Level Date	Discharge Data
Pump On: 04/22/15	7:20 AM	Static Water Level: <u>39.9</u>	How Measured: <u>flow meter</u>
Pump Off: 04/22/15	2:33 PM	Measuring Point: <u>top of casing</u>	Depth Pump: <u></u>

CLOCK/ TIME				WATER LEVEL MEASUREMENT		DISCHARGE RATE	
DATE	TIME	MINUTES	INTERVAL	P.L.	D.D.	G.P.M.	S.Y.
4/22/2015	12:42 PM	22		47	7.1	150	21.13
4/22/2015	12:44 PM	24		47	7.1	150	21.13
4/22/2015	12:46 PM	26		47	7.1	150	21.13
4/22/2015	12:48 PM	28		47	7.1	150	21.13
4/22/2015	12:50 PM	30		47	7.1	150	21.13
4/22/2015	12:52 PM	32		47	7.1	150	21.13
4/22/2015	12:54 PM	34		47	7.1	150	21.13
4/22/2015	12:56 PM	36		47	7.1	150	21.13
4/22/2015	12:58 PM	38		47	7.1	150	21.13
4/22/2015	1:00 PM	40		47	7.1	150	21.13
4/22/2015	1:02 PM	42		47	7.1	150	21.13
4/22/2015	1:04 PM	44		47	7.1	150	21.13
4/22/2015	1:06 PM	46		47	7.1	150	21.13
4/22/2015	1:08 PM	48		47	7.1	150	21.13
4/22/2015	1:10 PM	50		47	7.1	150	21.13
4/22/2015	1:12 PM	52		47	7.1	150	21.13
4/22/2015	1:14 PM	54		47	7.1	150	21.13
4/22/2015	1:16 PM	56		47	7.1	150	21.13
4/22/2015	1:18 PM	58		47	7.1	150	21.13
4/22/2015	1:20 PM	60		47	7.1	150	21.13

Groundwater Pump Well, Inc
Phone: 707-433-3419 Fax: 707-433-9421
Aquifer Test Data Sheet

Date: 4/28/2015 Sheet 1 of 3
 Owner: City of Rio Dell
 Operator: Jon Johnson Address: 975 Wildwood Ave, Rio Dell, CA 95562
 Type Of Test: Step Draw Down Well No.: 1 (Steel Casing)
 Company Performing Test: Groundwater Pump & Well, Inc. (License No 630428)

Date	Time	Water Level Date	Discharge Data
Pump On: 04/28/15	8:00 AM	Static Water Level: <u>38</u>	How Measured: <u>flow meter</u>
Pump Off: 04/28/15	4:00 PM	Measuring Point: <u>top of casing</u>	Depth Pump: <u></u>

CLOCK/ TIME				WATER LEVEL MEASUREMENT		DISCHARGE RATE	
DATE	TIME	MINUTES	INTERVAL	P.L.	D.D.	G.P.M.	S.Y.
4/28/2015	8 00 AM	1		39.2	1.2	100	83.33
4/28/2015	8 02 AM	2		39.2	1.2	100	83.33
4/28/2015	8 04 AM	4		39.2	1.2	100	83.33
4/28/2015	8 06 AM	6		39.2	1.2	100	83.33
4/28/2015	8 08 AM	8		39.2	1.2	100	83.33
4/28/2015	8 10 AM	10		39.2	1.2	100	83.33
4/28/2015	8 12 AM	12		39.2	1.2	100	83.33
4/28/2015	8 14 AM	14		39.2	1.2	100	83.33
4/28/2015	8 15 AM	15		39.2	1.2	100	83.33
4/28/2015	8 16 AM	16		39.2	1.2	100	83.33
4/28/2015	8 18 AM	18		39.2	1.2	100	83.33
4/28/2015	8 20 AM	20		39.2	1.2	100	83.33
4/28/2015	8 22 AM	22		39.2	1.2	100	83.33
4/28/2015	8 24 AM	24		39.2	1.2	100	83.33
4/28/2015	8 26 AM	26		39.2	1.2	100	83.33
4/28/2015	8 28 AM	28		39.2	1.2	100	83.33
4/28/2015	8 30 AM	30		39.2	1.2	100	83.33
4/28/2015	8 32 AM	32		39.2	1.2	100	83.33
4/28/2015	8 34 AM	34		39.2	1.2	100	83.33
4/28/2015	8 36 AM	36		39.2	1.2	100	83.33
4/28/2015	8 38 AM	38		39.2	1.2	100	83.33
4/28/2015	8 40 AM	40		39.2	1.2	100	83.33
4/28/2015	8 42 AM	42		39.2	1.2	100	83.33
4/28/2015	8 44 AM	44		39.2	1.2	100	83.33
4/28/2015	8 46 AM	46		39.2	1.2	100	83.33
4/28/2015	8 48 AM	48		39.2	1.2	100	83.33
4/28/2015	8 50 AM	50		39.2	1.2	100	83.33
4/28/2015	8 52 AM	52		39.2	1.2	100	83.33
4/28/2015	8 54 AM	54		39.2	1.2	100	83.33
4/28/2015	8 56 AM	56		39.2	1.2	100	83.33
4/28/2015	8 58 AM	58		39.2	1.2	100	83.33
4/28/2015	9 00 AM	60		39.3	1.3	100	76.92
4/28/2015	9 30 AM	90		39.3	1.3	100	76.92
4/28/2015	10 00 AM	120		39.3	1.3	100	76.92
4/28/2015	10 40 AM	160		39.3	1.3	100	76.92
4/28/2015	10 42 AM	2		40.7	2.7	150	55.56
4/28/2015	10 44 AM	4		40.7	2.7	150	55.56
4/28/2015	10 46 AM	6		40.7	2.7	150	55.56
4/28/2015	10 48 AM	8		40.7	2.7	150	55.56

Groundwater Pump Well, Inc
Phone: 707-433-3419 Fax: 707-433-9421
Aquifer Test Data Sheet

Date: 4/28/2015 Sheet 2 of 3
 Owner: City of Rio Dell
 Operator: Jon Johnson Address: 975 Wildwood Ave, Rio Dell, CA 95562
 Type Of Test: Step Draw Down Well No.: 1 (Steel Casing)
 Company Performing Test: Groundwater Pump & Well, Inc (License No 630428)

Date	Time	Water Level Date	Discharge Data
Pump On: 04/28/15	8:00 AM	Static Water Level: 38	How Measured: flow meter
Pump Off: 04/28/15	4:00 PM	Measuring Point: top of casing	Depth Pump:

CLOCK/ TIME				WATER LEVEL MEASUREMENT		DISCHARGE RATE	
DATE	TIME	MINUTES	INTERVAL	P.L.	D.D.	G.P.M.	S.Y.
4/28/2015	10 50 AM	10		40.7	2.7	150	55.56
4/28/2015	10 52 AM	12		40.7	2.7	150	55.56
4/28/2015	10 54 AM	14		40.7	2.7	150	55.56
4/28/2015	10 56 AM	16		40.7	2.7	150	55.56
4/28/2015	10 58 AM	18		40.7	2.7	150	55.56
4/28/2015	11 00 AM	20		40.7	2.7	150	55.56
4/28/2015	11 02 AM	22		40.7	2.7	150	55.56
4/28/2015	11 04 AM	24		40.7	2.7	150	55.56
4/28/2015	11 06 AM	26		40.7	2.7	150	55.56
4/28/2015	11 08 AM	28		40.7	2.7	150	55.56
4/28/2015	11 10 AM	30		40.7	2.7	150	55.56
4/28/2015	11 12 AM	32		40.7	2.7	150	55.56
4/28/2015	11 14 AM	34		40.7	2.7	150	55.56
4/28/2015	11 16 AM	36		40.7	2.7	150	55.56
4/28/2015	11 18 AM	38		40.7	2.7	150	55.56
4/28/2015	11 20 AM	40		40.7	2.7	150	55.56
4/28/2015	11 22 AM	42		40.7	2.7	150	55.56
4/28/2015	11 24 AM	44		40.7	2.7	150	55.56
4/28/2015	11 26 AM	46		40.7	2.7	150	55.56
4/28/2015	11 28 AM	48		40.7	2.7	150	55.56
4/28/2015	11 30 AM	50		40.7	2.7	150	55.56
4/28/2015	11 32 AM	52		40.7	2.7	150	55.56
4/28/2015	11 34 AM	54		40.7	2.7	150	55.56
4/28/2015	11 36 AM	56		40.7	2.7	150	55.56
4/28/2015	11 38 AM	58		40.7	2.7	150	55.56
4/28/2015	11 40 AM	60		40.7	2.7	150	55.56
4/28/2015	12 10 PM	90		40.7	2.7	150	55.56
4/28/2015	12 40 PM	120		40.7	2.7	150	55.56
4/28/2015	1 20 PM	160		40.7	2.7	150	55.56
4/28/2015	1 22 PM	2		42	4	200	50.00
4/28/2015	1 24 PM	4		42	4	200	50.00
4/28/2015	1 26 PM	6		42	4	200	50.00
4/28/2015	1 28 PM	8		42	4	200	50.00
4/28/2015	1 30 PM	10		42	4	200	50.00
4/28/2015	1 32 PM	12		42	4	200	50.00
4/28/2015	1 34 PM	14		42	4	200	50.00
4/28/2015	1 36 PM	16		42	4	200	50.00
4/28/2015	1 38 PM	18		42	4	200	50.00
4/28/2015	1 40 PM	20		42	4	200	50.00

150 gpm

Groundwater Pump Well, Inc
Phone: 707-433-3419 Fax: 707-433-9421
Aquifer Test Data Sheet

Date: 4/28/2015 Owner: City of Rio Dell Sheet 3 of 3
 Operator: Jon Johnson Address: 975 Wildwood Ave, Rio Dell, CA 95562
 Type Of Test: Step Draw Down Well No.: 1 (Steel Casing)
 Company Performing Test: Groundwater Pump & Well, Inc. (License No 630428)

Date	Time	Water Level Date	Discharge Data
Pump On: 04/28/15	8:00 AM	Static Water Level: 38	How Measured: flow meter
Pump Off: 04/28/15	4:00 PM	Measuring Point: top of casing	Depth Pump:

CLOCK/ TIME				WATER LEVEL MEASUREMENT		DISCHARGE RATE	
DATE	TIME	MINUTES	INTERVAL	P.L.	D.D.	G.P.M.	S.Y.
4/28/2015	1 42 PM	22		42	4	200	50 00
4/28/2015	1 44 PM	24		42	4	200	50 00
4/28/2015	1 46 PM	26		42	4	200	50 00
4/28/2015	1 48 PM	28		42	4	200	50 00
4/28/2015	1 50 PM	30		42	4	200	50 00
4/28/2015	1 52 PM	32		42	4	200	50 00
4/28/2015	1 54 PM	34		42	4	200	50 00
4/28/2015	1 56 PM	36		42	4	200	50 00
4/28/2015	1 58 PM	38		42	4	200	50 00
4/28/2015	2 00 PM	40		42	4	200	50 00
4/28/2015	2 02 PM	42		42	4	200	50 00
4/28/2015	2 04 PM	44		42	4	200	50 00
4/28/2015	2 06 PM	46		42	4	200	50 00
4/28/2015	2 08 PM	48		42	4	200	50 00
4/28/2015	2 10 PM	50		42	4	200	50 00
4/28/2015	2 12 PM	52		42	4	200	50 00
4/28/2015	2 14 PM	54		42	4	200	50 00
4/28/2015	2 16 PM	56		42	4	200	50 00
4/28/2015	2 18 PM	58		42	4	200	50 00
4/28/2015	2 20 PM	60		42	4	200	50 00



Good Record Keeping

Well Maintenance Procedures

**By Ron Foster Sr Co-Author with NGWA
"Manual of Water Well Maintenance and Rehabilitation Technology"**

Record Keeping

**By Ron Foster Sr Co-Author with NGWA
"Manual of Water Well Maintenance and Rehabilitation Technology"**

Record Keeping

INTRODUCTION

Any well, no matter how well constructed and developed, well eventually require some degree of maintenance or rehabilitation. The operating time between development and maintenance depends upon many factors, including, but not limited to:

- Groundwater quality
- Pumping rates and equipment quality
- Aquifer characteristics
- Well installation procedures
- Well design and materials

A maintenance procedure may entail simple removal and inspection of a submersible pump or may require a complex and costly rehabilitation process that includes chemical treatment and mechanical surging.

Accurate, detailed record keeping is essential to economical operation of any well, and should be considered as important as original construction and development. Accurate well records can substantially reduce wasted money and efforts by providing useful clues in diagnosing the cause(s) of decreasing well performance, allowing the contractor to choose maintenance and rehabilitation procedures on the basis of dependable data, rather than guesswork. In addition, records illustrate the rate at which problems develop, indicating whether a simple maintenance procedure may correct the problem, or whether a more complex rehabilitation process is necessary.

TYPES OF WELL RECORDS

Many states and local government agencies required drilling contractors to provide a driller's log for every well they install, listing the basic data of the well's construction. Such a log traditionally has been deemed adequate within the industry, but today's rapidly escalating energy costs and growing water use requirements necessitate even more detailed records, especially for large-yield industrial/municipal wells where cost-to-production ratios are great importance.

Although low-yield domestic wells require accurate record keeping, it is seldom necessary to maintain records as detailed as those for high-capacity wells. Monitoring equipment for highly detailed record keeping is usually too expensive to purchase and operate in comparison to the savings benefits made possible by continuous monitoring.

The keeping of records at both the well and in the contractor's files fulfills two major purposes. First, on-site records provide instant access to vital statistics pertaining to well operation, allowing subsequent contractors to service the well efficiently by comparing original and existing conditions. In addition, on-site records promote efficiency by allowing in-house maintenance personnel to monitor on a regular basis, as well as by facilitating water production and energy consumption surveys. This combination of on-site procedures can be cost-efficient in a high capacity industrial/municipal situation where operator labor is a major expense.

A more complete set of records also provides the well contractor with a detailed catalog of every equipment component in the well, thereby facilitating rapid ordering of parts required for maintenance, as well as existing parts that may be wearing at an

unusually fast rate. Every aspect of engineering and materials included in the well and pumping system should be contained in these records. In addition to highly specific daily record data, detailed summaries from the continuing operation of the well should be included, such as variations of capacity with time, electrical consumption, total dynamic head, overall pump efficiency and motor efficiency.

RECORDS FOR HIGH-CAPACITY WELLS High-capacity wells incorporate a high degree of engineering design in their planning and considerable precision in their construction. They require special attention in terms of operation and maintenance in order to produce at maximum efficiency. Complete and accurate construction and operating records dating back to the original well site survey and covering every stage of design, installation, development and operation are essential. As previously detailed, records should be kept at both the contractor's office (complete with engineering specifications and plans) and at the well site. Records kept at the well site should include data outlining the basic well construction and pumping system, as well as notations of any modifications made to the well or pumping system during subsequent servicing procedures. Table 1.1 lists the most important records to be permanently collected at the well site.

Table 1.1

Information to be Permanently Recorded at the Well Site

1. Name and address of drilling contractor. Name and address of pump installer if different from contractor.
2. Data well completed (pump installed). Datum point from which all well measurements are made.
3. Method of well construction, particularly the type and dimension of well casing, reduction in sizes and depths.
4. A complete well log, including a diagram showing major structural features, compiled from samples and geophysical logs.
5. Make, model, composition, slot size and length of well screen, depth of screen settings, and intervals.
6. Method of installing screen.
7. Gravel-pack material dimensions and composition.
8. Method of gravel-pack installation, and depth and extent of cement grout.
9. Well-development method and dates of development.
10. Static water level after development, and date of reading.
11. Pumping water level at defined rate, time periods pumped and date.
12. Specific capacity after development, and shut-off head level.
13. Make, model and type of pump.
14. Pump-motor electrical data.
15. Number of pump stages (if applicable).
16. Pump modifications (if any).
17. Depth of pump intake setting.
18. Composition of major pump parts (bowl, shaft impellers, etc.).
19. Pump performance data (tested at well).
20. Power source and line voltage input.
21. Description and dates of well maintenance performed on pump, casing and screen.
22. Well and pump performance before and after each maintenance job.
23. Diagnostic tests conducted prior to, during, and after each well maintenance job, including results of significant data.
24. Corrective measures taken during well maintenance performed on pump, casing and screen.
25. Water quality tests conducted prior to, during well maintenance performed on pump, casing and screen.
26. State and local permit numbers (where applicable).

RECORDS FOR DOMESTIC OR SMALL-DIAMETER, SPECIAL-PURPOSE WELLS Records for domestic wells generally do not need to be as extensive as those for large-capacity wells, but a set of records accurate enough to assist

with eventual maintenance work is still required.

Of greatest importance to domestic well recording is the well log, including data shown in Table 1.2.

All work performed after well development must also be recorded, including the following data:

- Description of malfunction.
- Corrective action taken.
- Description of supplies/materials employed.
- Data work performed.
- Name, address, and phone number of contractor.

Two copies of this record should be kept one by the contractor and one by the homeowner in case a different contractor unfamiliar with the well's history is employed at a later date.

Table 1.2

Information to be Recorded for Domestic and Low-Capacity Wells

1. Locations of well and reference point from which all well measurements are made.
2. Name(s) of owner(s).
3. Identification number of the well if more than one is located on the property.
4. Total depth.
5. Length, diameter and slot size of screen.
6. Length, diameter and depth of setting of casing and liner.
7. Diameter of borehole and depth of each diameter if more than one.
8. Elevation of land surface, elevation of flood plains.
9. Depth, thickness and composition of each rock or soil type penetrated. State physical characteristics also: hard, soft, brittle, and crumbly. Indicate color. The best well log consists of actual, bagged samples with this information attached to each sample.
10. Depth and thickness of all crevices, subterranean openings, boulder fields, or any other unusual features.
11. Depth(s) at which water was encountered.
12. Apparent chemical quality of water encountered.
13. Changes in water level and depth at which they occur during drilling.
14. Volume and depth of grouting material used.
15. Static water level upon completion of drilling.
16. Static water level after well development.
17. Method of well development used and length of time developed.
18. The amount of pumping-induced drawdown (difference between the static and pumping water levels) and rate during pumping, length of time pumped.
19. Final pump installation date.
20. Dates of Beginning and completion of the well.

SUMMARY Because well drilling and rehabilitation costs continue to increase, any steps that can be taken to maximize the well owner's investment must be considered essential to efficient well construction and operation. The cheapest and most productive undertaking in this regard is accurate, detailed record keeping. In commercial applications, the cost of monitoring and recording data will almost always be cheaper and preferable to an extended system shutdown for rehabilitation or maintenance. For the domestic well user, the time and money spent keeping records is usually for less troublesome than losing, even temporarily, a required water supply, or spending additional money for maintenance and rehabilitation.

With the rapid advances in computer technology, unmanned digital recording is available to both commercial and domestic well users. The costs of computerized record keeping are certainly viable for a cost-conscious industry of municipal organization; many of them use large amounts of computer time and equipment for other purposes and can easily accommodate programming and retrieval for well records. The mini-computer has recently become a financially attractive record keeping method for the homeowner who wishes to automate all his personal financial records, investments and budgets. Well recording is a logical use for such a home system, and the investment could probably be recovered in well rehabilitation savings alone.

Regardless of the method of information storage, quick retrieval of complete, accurate, and up-to-date well records can result in substantial savings in time spent and money invested in well maintenance and rehabilitation work.

Well Maintenance Procedures

RECORD EVALUATION No set rules exists for determining when a well or pump will require major rehabilitation work. Such rehabilitation may be required every six months or every 20 years.

Many variables affect well performance, including well design and construction, pumping demand, and local hydrogeologic conditions. As a result of these variables, operational records must be maintained in order to determine whether changes in well performance are due to problems in the power supply of pumping equipment, troubles surrounding the well. The frequency with which observations should be recorded varies according to the history of operation for a given well or area. For high-capacity units, the recording of different types of information is usually required on a daily, monthly or annual basis.

DAILY RECORDS Some observation that are best recorded daily will often seem insignificant or meaningless to operational personnel. However, documentation of these daily observations can often identify problems at an early stage, thus leading to relatively inexpensive solutions.

Variations in the turbidity, color and sand content of the water should be recorded daily. Turbidity and color indicate the presence of foreign substances, generally organic components and certain metallic ions. Sand should not be present in a properly constructed and developed well, but small amounts are often found in well completed in sand and gravel aquifers. Large amounts of sand can fill the well screen, reduce well yield and cause excessive pump wear. Actual physical tests for these traits are preferred, but simple visual observations can be very helpful. By recording these observations, various once thought to arise from normal operation can be linked to external sources such as rainfall, streamflow, or nearby pollutant discharge, and future problems can often be rapidly identified.

In addition, any unusual noise or vibration of the pump or motor while operating or upon starting and stopping should be noted daily. Vibration and popping sounds in the well may indicate cavitation, which is caused by inadequate submergence of the pump suction resulting from excessive drawdown in the well. This indicates that the pump should be set deeper (drilling the well deeper if necessary), that production must be reduced immediately, and that maintenance alternatives must be evaluated. Vibration may also be caused by impellers out-of-balance or worn, worn bearings, worn shafting, or motor imbalance.

At the same time, any increase in temperature of the pump bearings or motor should be recorded. Obviously, the occurrence of such noise, vibration, or increased temperature indicates the imminence of emergency pump repair, and precautions should be taken.

Daily observations should be made of the quantity of water discharged and/or the discharge pressure. These observations can reveal short-term and long-term trends and conditions of the system. A sudden change may be indicated of an open valve, a line leak, or damage to the pump. Long-term changes may indicate normal wear of the pump,

incrustation, or increased friction in the discharge lines. Records, when updated regularly, can help keep the well owner on top of these problems.

MONTHLY RECORDS Water quality variations in alkalinity and hardness should be monitored on a monthly basis. Water can be aggressive, incrusting or both within a very small area. Hence, proper maintenance requires the identification of all water-quality variations and the manner in which they may affect the well.

Obviously, many factors control the composite quality of water, but the extreme variation of only a single component may have a dramatic impact upon the performance of the well.

Monthly records of production and total power consumed are also important. These records, in tabular form, will indicate over a period of time the increase in power required producing one unit of water. The recorded figures can be quickly converted to an efficiency figure that includes all factors controlling the performance of the well: wire-to-water efficiency of the pump, well efficiency and aquifer conditions. By maintaining these records over a period of time, cyclic aquifer conditions can quickly be recognized and evaluated.

Other data that should be recorded monthly are pumping water level (depth to water), discharge rate at the time of measurement and static water level. It is preferable to measure the pumping water level in the production well by steel tape, electric sounder, or a device of similar sensitivity.

Discharge, or pumping rate, should be determined by metering equipment of possible. The importance of accurate metering cannot be overemphasized; without it, there are no reliable ways to make value judgments concerning production costs and operating efficiency.

Static water levels should be measured monthly. Changes in static water level may be the result of water storage depletion, seasonal fluctuation in water level, or changes in recharge conditions. These changes may be temporary or permanent, of regional or local extent. In many instances, problems thought to emanate from a production well have actually resulted from regional changes in static level; hence, maintenance would be completely ineffective.

If local water levels are controlled by a nearby surface recharge source such as a river, the elevation of the source's surface should be recorded with the discharge and drawdown measurement.

Measurements of drawdown should be taken monthly. As a rule, drawdown increases in all wells with continued production and advancing age. If the well is properly designed and pumped in proper relationship to its design, the drawdown should increase very slowly.

Aside from continued use and age, an increase in drawdown may result from well inefficiency may arise within the borehole, screen, or well due to particulate plugging, chemical corrosion, chemical incrustation, biological fouling or a combination of these conditions. Aquifer depletion may be caused by seasonal variations in water level when water withdrawals exceed recharge to the aquifer.

Determining whether increased drawdown is a function of well inefficiency or aquifer depletion is very important - well maintenance is only successful in the former case. Such a determination can be made by installing one or more observation well or

wells. The comparison of changes in water levels, of the pumping and non-pumping wells over a period of time, will usually differentiate between lost well efficiency and aquifer depletion. Complete shutdown of production to allow the water level to return to its non-pumping or static state can provide comparable information.

ANNUAL RECORDS On an annual basis, the shut-off head and wire-to-water efficiency of the pump should be measured. Shut-off head is a simple measurement often requiring the simple closing of a valve and the reading of a gauge. Recording the shut-off pressure will usually indicate trends of changing efficiency of pump wear. In addition, it often discloses leaks and weaknesses in the column and seals, which indicate immediate maintenance is needed. Pump failure can be avoided by performing this simple test.

Wire-to-water efficiency is the comparison of power actually used to pump water, with the power theoretically required. Annual determination of this measurement is an effective means of evaluating pumping costs, indicating incipient problems, and assisting in the determination of maintenance cost-effectiveness. Evaluation of wire-to-water efficiency requires measuring the power input to the motor, the discharge of the pump, and the total discharge head of the system. Efficiency can then be determined in the following manner:

$$\text{Wire-to-water efficiency} = \frac{\text{Discharge (gpm)} \times \text{Total Head (ft)}}{3960 \text{ M Input Horsepower}}$$

Loss of wire-to-water efficiency can be attributed to increased discharge head, increased lift (well efficiency loss), or decrease in pump or motor efficiency. Any substantial changes in discharge head are usually apparent, and further evaluation is rarely required.

Well efficiency also should be evaluated annually. This can be done by computing theoretical yield at various drawdowns and correcting the data for the anticipated effects of particular penetration, dewatering and other conditions.

Table 1.3

Common Indicators of Well Problems and Frequency With Which They Should be Recorded

Decrease in wire-to-water efficiency	annually
Increase in drawdown	monthly
Decrease in water discharge or pressure	daily
Decrease in pump shut-off head	annually
Decrease in well efficiency	annually
Decrease in static water level	monthly
Cavitation	daily
Excessive vibration of pump or motor	daily
Overheating motor	daily
Increase in sand or turbidity of discharge	daily
Settlement adjacent to well; overdevelopment	daily
Colored discharge water	daily

As daily, monthly and annual records accumulate, well problems will become apparent. Review of all observations will facilitate the recognition and solution of these problems.

WELL MAINTENANCE TECHNIQUES

PRELIMINARY EVALUATION When well maintenance is deemed necessary (after referring to the design, construction and operational records of the well), the first step to remove the production pump. In case where maintenance requirements are not severe, the contractor can temporarily replace the production pump and install a pump he uses for well maintenance. Then the well can be treated with relatively noncorrosive chemicals that can be introduced between the pump and the well casing. (Note: Because chemicals and sand may damage the pump, the well's regular pump should always be removed prior to maintenance.) The well is then surged by repeatedly stopping and starting the pump. After an appropriate detention time, the well is pumped to waste and returned to service. While this procedure is inexpensive, it is very limited in its effectiveness. Therefore, other methods are used in more severe cases.

As soon as the pump is removed, the well should be sounded or checked for correct depth. This can be done with a weighted steel line or with the bailer of a workover rig. This depth should be compared to installation records, including geophysical logs, for evidence of hole or casing collapse or sediment accumulation in the well. If geophysical logs (gamma, resistivity, spontaneous potential, or others) from the time of construction are not available, they can be obtained from information collected at this time. Utilizing logging techniques, casing and grouting problems, screen location, permeable zones, and other pertinent information necessary for the proper application of maintenance, procedures can be identified.

A close-circuit television or photographic survey of the well after the pump is removed is often the most reliable means of obtaining specific information concerning the condition of the well. Both of these techniques have been successfully used in evaluating well problems. Television and photographic survey can pinpoint the location of casing problems, screen blockage or failure, and the location and nature of production zones in rock wells. When screens or zones are heavily incrustated, the television camera can help obtain a sample of the incrusting materials while performing the inspection. A sample can be taken by lowering a small bucket-shaped container ahead of the camera to scrape off a portion of the material in question. These samples can then be analyzed, and the results can be used to select the appropriate chemical treatment.

CHEMICAL TREATMENT *Due to constant changing regulations, with local and federal agencies, we are not including chemical treatment in this paper.*

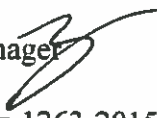
MECHANICAL REDEVELOPMENT In conjunction with, or subsequent to chemical treatment, it is almost always necessary to mechanically redevelop the well.

*Rio Dell City Hall
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May 19, 2015

TO: Rio Dell City Council

FROM: Kyle Knopp, City Manager 

SUBJECT: Approval of Resolution 1263-2015 Designating the City Manager as the Authorized Representative in Application for a Safe Drinking Water State Revolving Fund Grant Related to the Metropolitan Well Site

IT IS RECOMMENDED THAT THE CITY COUNCIL:

Approve Resolution 1263-2015.

BACKGROUND AND DISCUSSION

On March 17, 2015 the City Council assigned the scope of work for the Safe Drinking Water State Revolving Fund (SDWSRF) grant application to GHD Inc. and authorized the lending of funds from the General Fund to the Water Operations Fund to finance this application. The SDWSRF grant is needed to fund the Metropolitan Well Site Project due to the financing gap between the projected Northcoast Integrated Regional Water Management Plan grant funds (Proposition 84) and the expected project cost. This project has been prioritized by the City Council for completion as soon as possible due to the urgent situation associated with the statewide drought and record low flows in the Eel River which is the current and sole source of water for the City of Rio Dell.

As part of the grant application process for SDWSRF, the City is required to designate an authorized representative to fulfill various roles and responsibilities associated with the grant application and any funds, if awarded. This resolution would appoint the City Manager or his designee to fulfill this role.

///

RESOLUTION NO. 1263-2015

**RESOLUTION OF THE CITY COUNCIL
OF THE CITY OF RIO DELL
AUTHORIZING THE CITY MANAGER
TO EXECUTE AND DELIVER AN APPLICATION
TO THE STATE WATER RESOURCE CONTROL BOARD
FOR SAFE DRINKING WATER STATE REVOLVING FUNDS**

WHEREAS, the City of Rio Dell and the State of California are experiencing a drought of unprecedented proportions, and

WHEREAS, the City of Rio Dell wishes increase the reliability of its drinking water supply, and

WHEREAS, The City of Rio Dell has identified the Metropolitan Well Site and its use as an emergency water source as the most direct cost effective solution to increasing the reliability of the city's water supply, and

WHEREAS, the City of Rio Dell is expected to receive Proposition 84 funds via the North Coast Integrated Regional Water Management Plan, and

WHEREAS, the Proposition 84 funds do not cover the expected total project cost, and

WHEREAS, the Safe Drinking Water State Revolving Funds through the State Water Resource Control Board have been identified as a funding source to bridge the gap in financing and increase the reliability of Rio Dell's water supply.

NOW, THEREFORE BE IT RESOLVED the City Council of the City of Rio Dell ("Entity") hereby authorizes the City Manager (the "Authorized Representative") or his designee to sign and file for on behalf of the Entity, a financial Assistance Application for a financing agreement from the State Water Resources Control Board for the planning, design, and construction of the Metropolitan Well Site Project (the "Project").

This Authorized Representative, or his designee, is designated to provide the assurances, certifications, and commitments required for the financial assistance application, including executing a financial assistance agreement from the State Water Resources Control Board and any amendments or changes thereto.

The Authorized Representative, or his designee, is designated to represent the Entity in carrying out the Entity's responsibilities under the financing agreement, including certifying disbursement requests on behalf of the Entity and compliance with applicable state and federal laws.

PASSED AND ADOPTED by the City Council of the City of Rio Dell on May 19, 2015 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Frank Wilson, Mayor

ATTEST:

I, Karen Dunham, City Clerk for the City of Rio Dell, State of California, hereby certify the above to be a full, true and correct copy of Resolution No. 1263 -2015 adopted by the City Council of the City of Rio Dell on May 19, 2015.

Karen Dunham, City Clerk

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675 Wildwood Avenue
Rio Dell, CA 95562
(707) 764-3532
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May 19, 2015

TO: Rio Dell City Council

FROM: Kyle Knopp, City Manager

SUBJECT: Discussion and Possible Action Related to a Presentation from the Rural Community Assistance Corporation (RCAC) on a Water Rate Analysis with Further Authorization for Staff to Continue Working with RCAC

IT IS RECOMMENDED THAT THE CITY COUNCIL:

Recommended: Receive the presentation and authorize staff to continue working with RCAC.

Alternative: Do not authorize staff to proceed in working with RCAC and direct the City Manager to work with a new consultant or Bartle & Wells.

BACKGROUND AND DISCUSSION

The City Council will receive a presentation from Mr. Richard Culp, P.E., a Rural Development Specialist and Civil Engineer with the Rural Community Assistance Corporation (RCAC). RCAC is a nonprofit organization that provides training, technical and financial resources and advocacy to rural communities. RCAC's work encompasses a wide range of services including technical assistance and training for environmental infrastructure; affordable housing development; economic and leadership development; and community development finance. These services are available to a variety of communities and organizations including communities with populations of fewer than 50,000 persons, other nonprofit groups and tribal organizations.

Staff has been in contact with RCAC as a potential consultant to utilize for a water rate analysis. There is currently no agreement between RCAC and the City for these services, however if authorized to proceed in working with RCAC, staff will bring an item back at a future date. In discussing the overall picture of the water funds with Mr. Culp, staff believes his wide array of experience with water rate analyses in small jurisdictions will be of particular benefit for the City of Rio Dell. Mr. Culp's experience has included work in Humboldt County and RCAC has been utilized by the City in the past. Working with RCAC also poses some significant financial benefits, as the service may be able to be provided at low or no cost to the City, and by extension save ratepayer money.

On June 3, 2014 the Council authorized the City Manager to execute an agreement with a Water Rate and Capacity Fee Study for \$25,000. Work on the study was put on hold by the prior City

Manager and to date no work has been performed by Bartle & Wells. Staff has been in contact with Bartle & Wells and they remain available to perform this study if the Council so chooses.

///



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(707) 764-3532
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May 19, 2015

TO: Rio Dell City Council

FROM: Kyle Knopp, City Manager 

SUBJECT: Discussion and Possible Action on a Presentation from City Engineering Firm GHD Inc. on the Metropolitan Well Site Redevelopment Project and Related Grant Application for the Safe Drinking Water State Revolving Fund

IT IS RECOMMENDED THAT THE CITY COUNCIL:

Receive the presentation and provide direction if necessary.

BACKGROUND AND DISCUSSION

The City's Engineering firm GHD Inc. will give a presentation on current status of the Metropolitan Wells Redevelopment Project, including an update on site work completed to date, well site preliminary design and progress of the SRF grant application.

Attached are slides from the powerpoint presentation.

///

Metropolitan Wells Project

Well Redevelopment and Monitoring Well Installation Update.

- 4/24/2015 Monitoring Well installation complete
- 4/28/2015 Well Cleaning Completed



Metropolitan Wells Project

Potential Project Timeline

- March-May 2015 Preliminary Design and Estimate
- May 2015 SRF Application submitted
- May/July 2015 Design (PS&E)
- Aug/Sept 2015 Bidding
- Sept-Dec 2015 Construction
- Dec/Jan 2015 Construction Completion



Metropolitan Wells Project

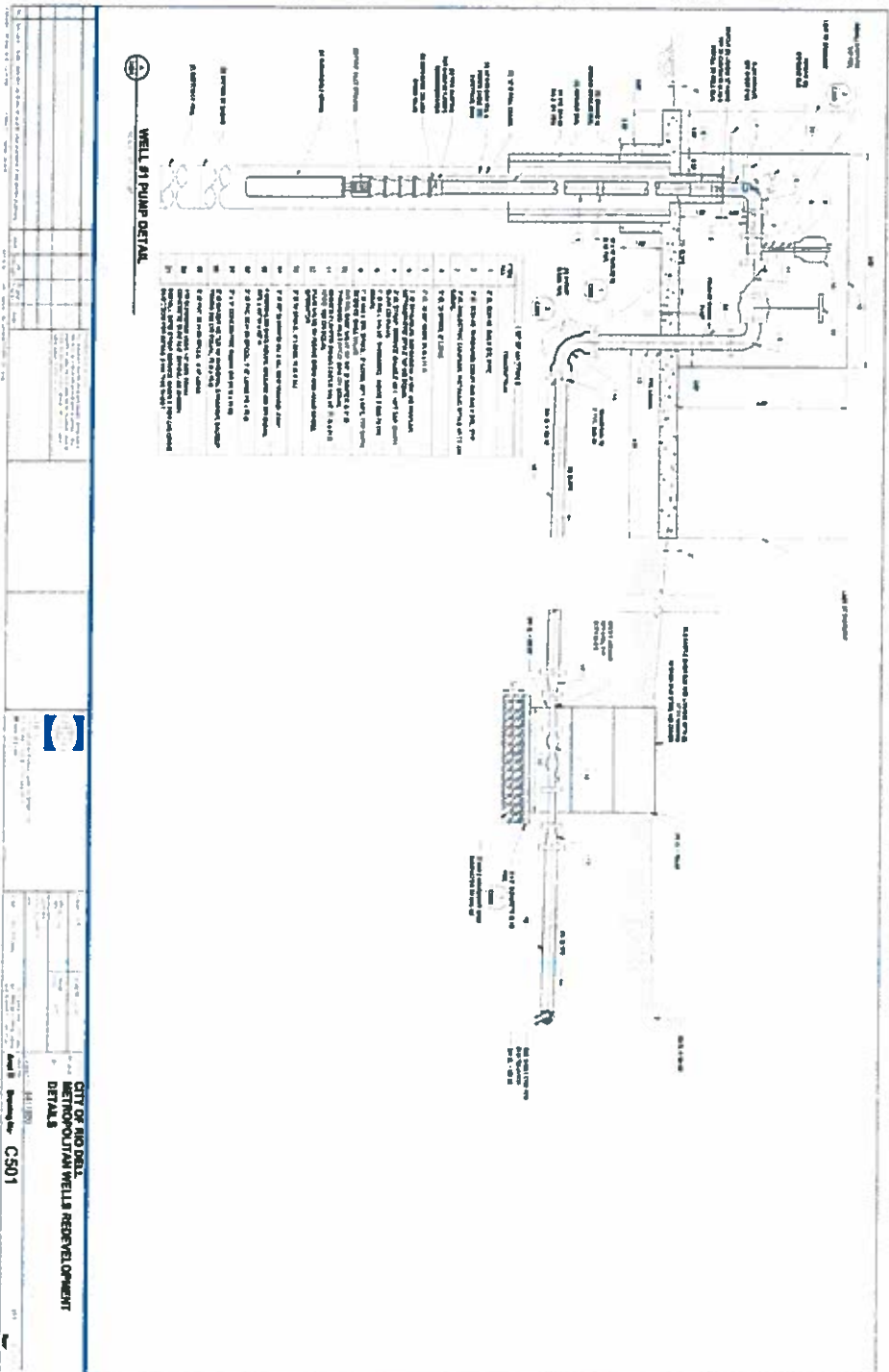
Preliminary Design:

- Pump sizing
- Treatment unit selection and sizing
- Well housing selection
- Water pipe routing
- Controls
- Control Building

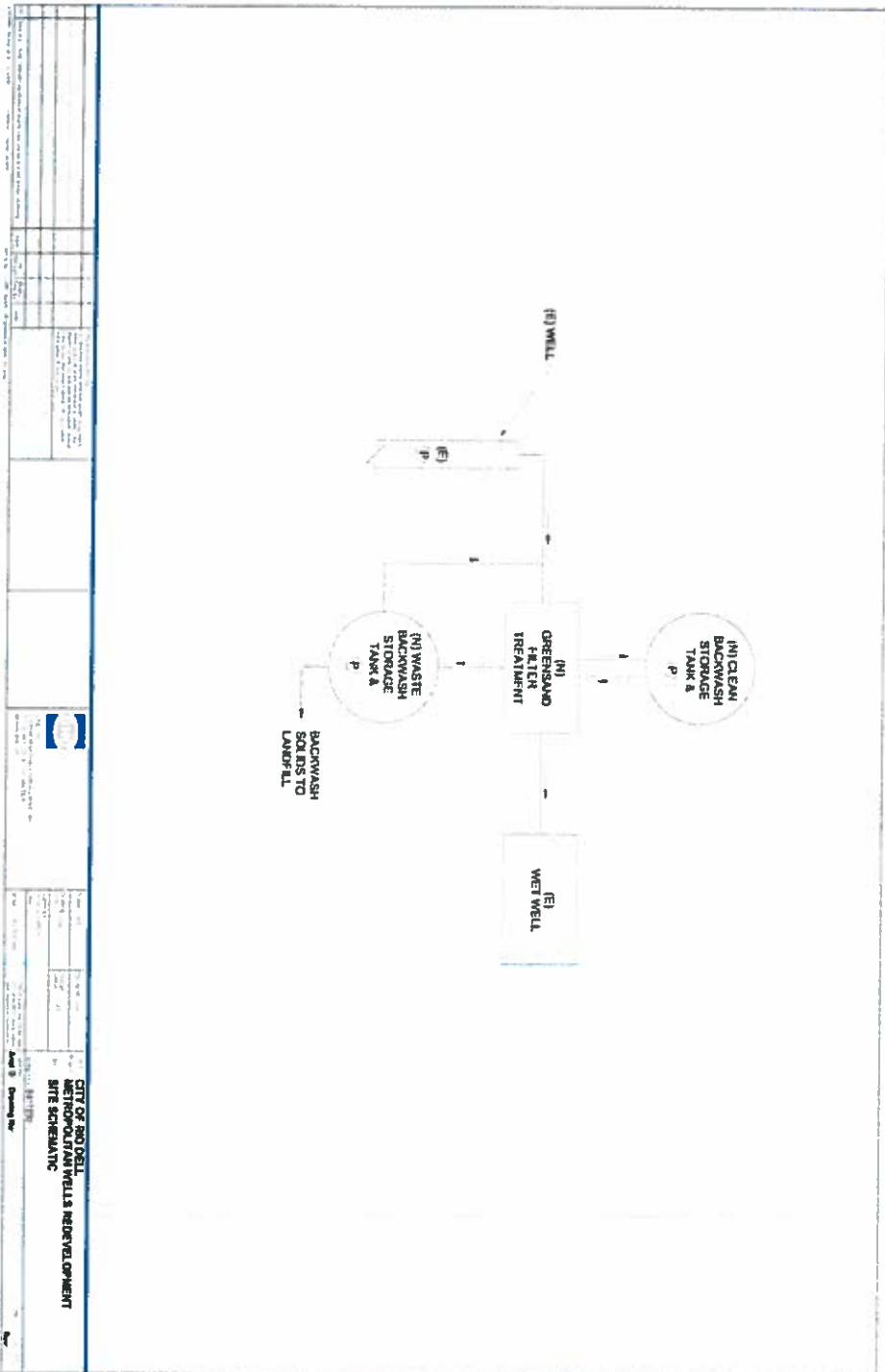




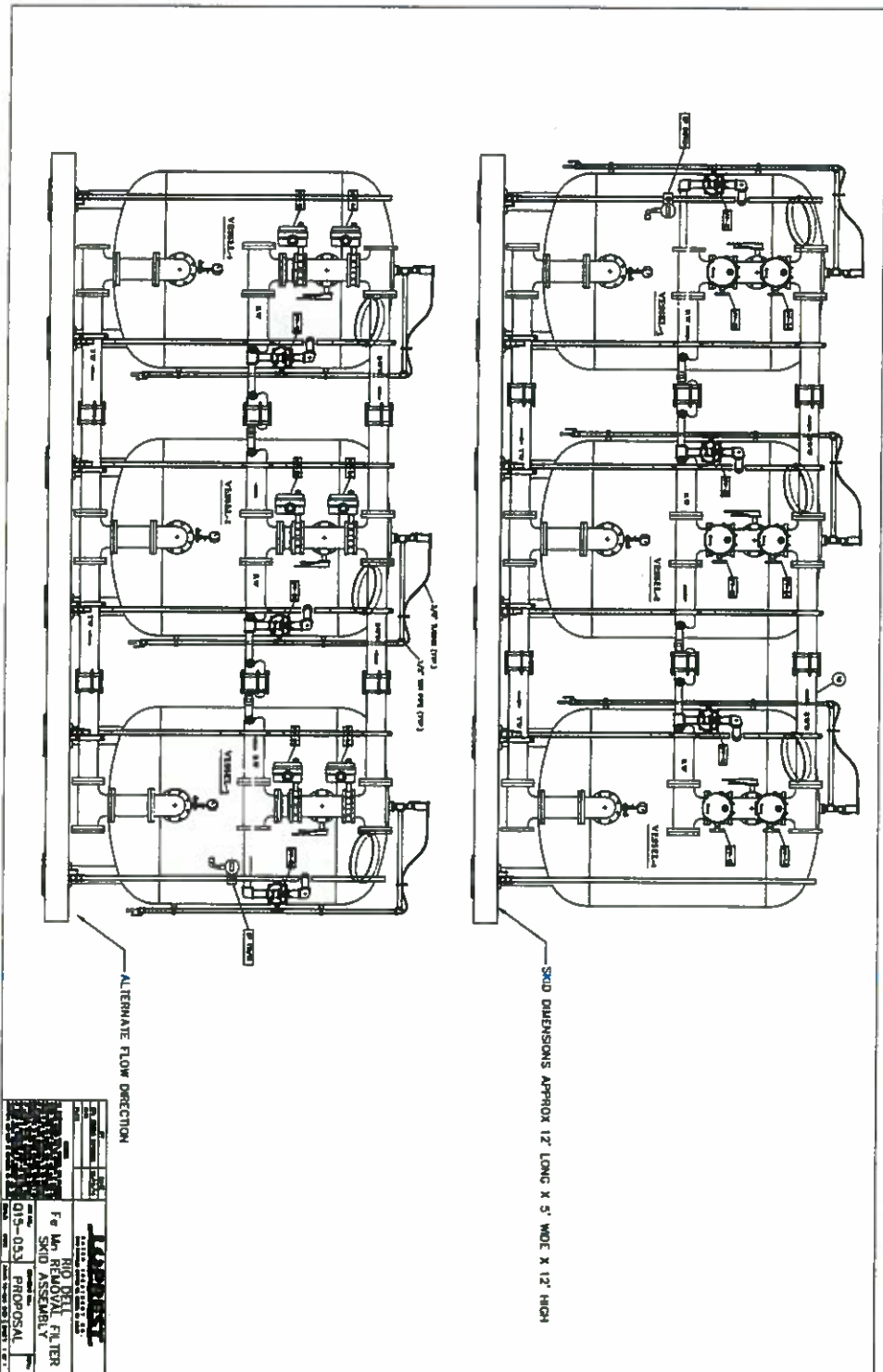
Metropolitan Wells Project



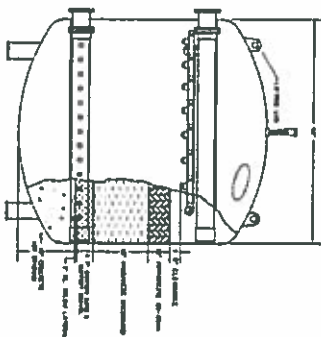
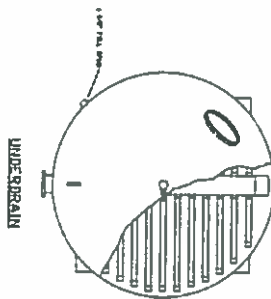
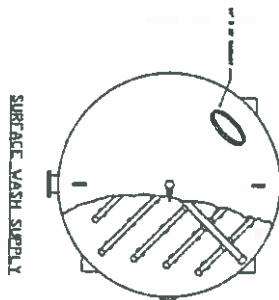
Metropolitan Wells Project



Metropolitan Wells Project



Metropolitan Wells Project




DESIGN CRITERIA

FLIGHT AREA	94 SQ. FT.
MOVES	167 (100 CTS) CUMULATIVE
MOVES/SEC	164 (100 CTS) CUMULATIVE
THREAT WASH	20 (100 CTS) CUMULATIVE
PROB.	41 (MOVES) FLIGHT

- [illegible]



		PROPOSAL 015-053	
RHD DELL C/D EXHIBIT 47'S NW 1/4 & IN REVENUE PLER		PROPOSAL 015-053	
RHD DELL C/D EXHIBIT 47'S NW 1/4 & IN REVENUE PLER		PROPOSAL 015-053	





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675 Wildwood Avenue
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(707) 764-3532
riodellcity.com*

May 19, 2015

TO: Rio Dell City Council

FROM: Kyle Knopp, City Manager

SUBJECT: Discussion and Possible Action Related to a Presentation from City Engineering Firm GHD Inc. on the Active Transportation Program Grant Application and Design

IT IS RECOMMENDED THAT THE CITY COUNCIL:

Receive the presentation and provide direction if necessary.

BACKGROUND AND DISCUSSION

The City's engineer is developing the City of Rio Dell's Active Transportation Program (ATP) grant that is due on June 1, 2015. The grant proposes road/pedestrian/bicycle lane work primarily around the area of the underpass of Wildwood Avenue and Highway 101. The project also includes similar work on Bellevue Avenue, various routes around the city's schools and also includes an educational component associated with bicycles. The Council previously approved of pursuing this grant on March 17th of this year.

Attached are a series of cost estimates and conceptual design visuals for the proposed project.

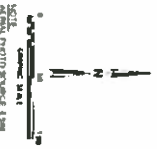
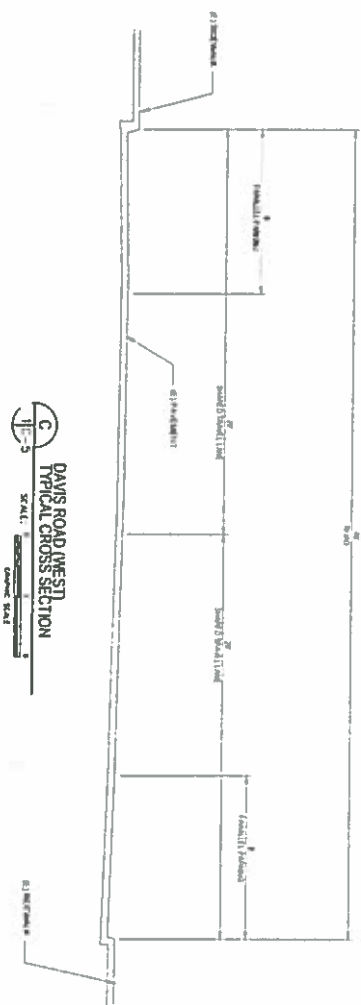
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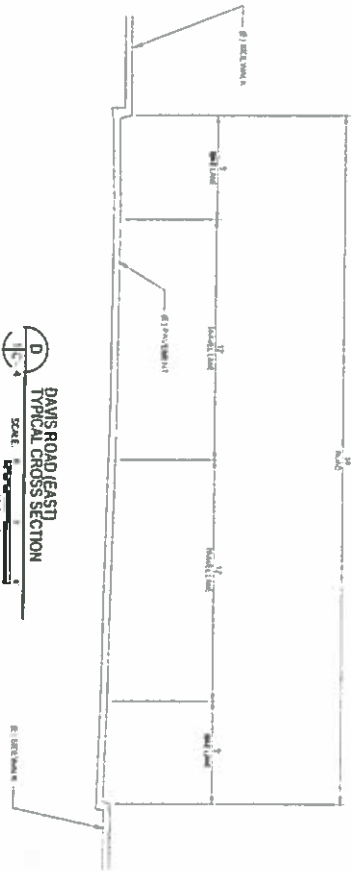
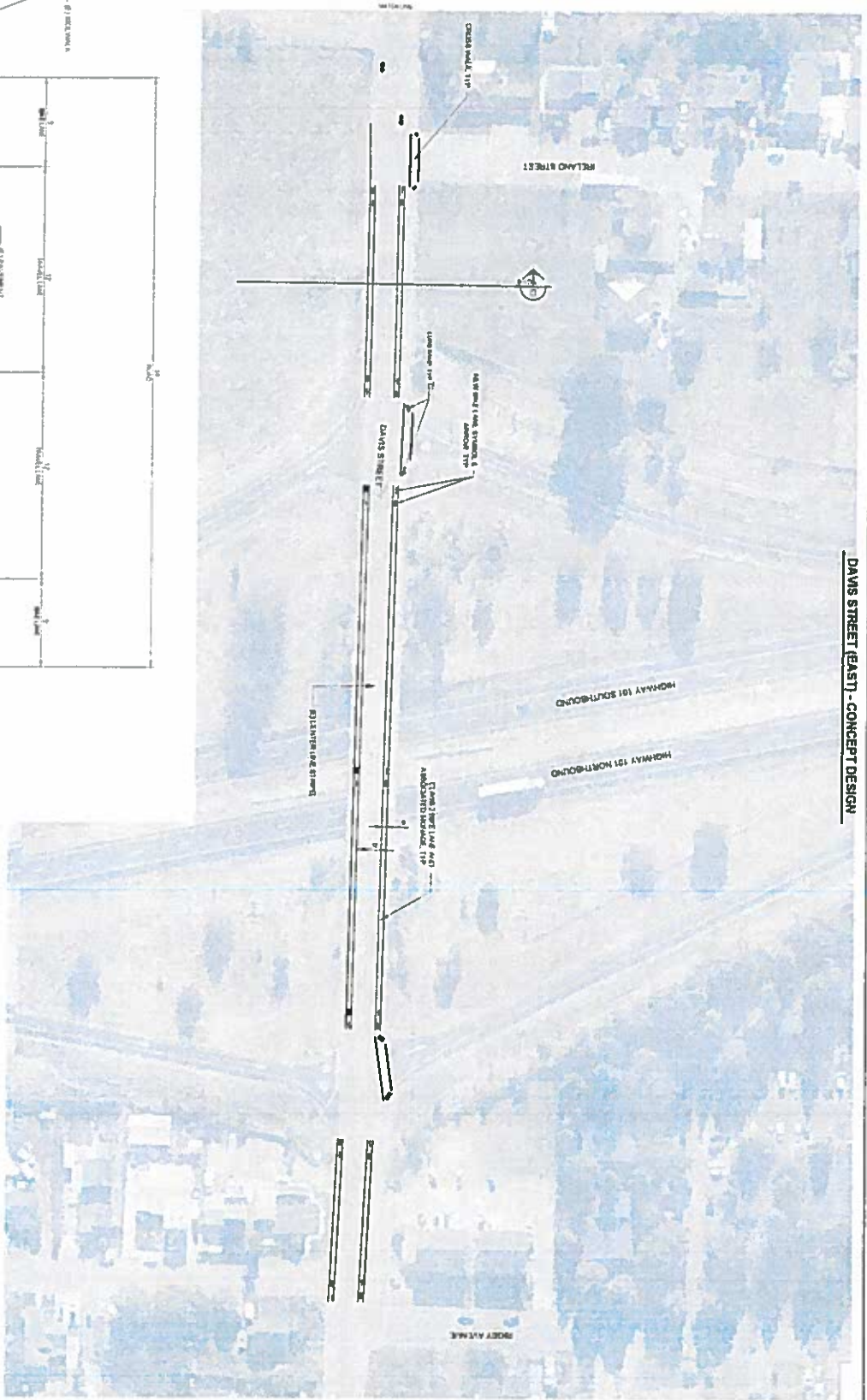
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1715 Third Street, Pomona, CA 91768-1004
P 714 797 6432 E 714 797 6443 FAX 714 797 6443
www.chd.com



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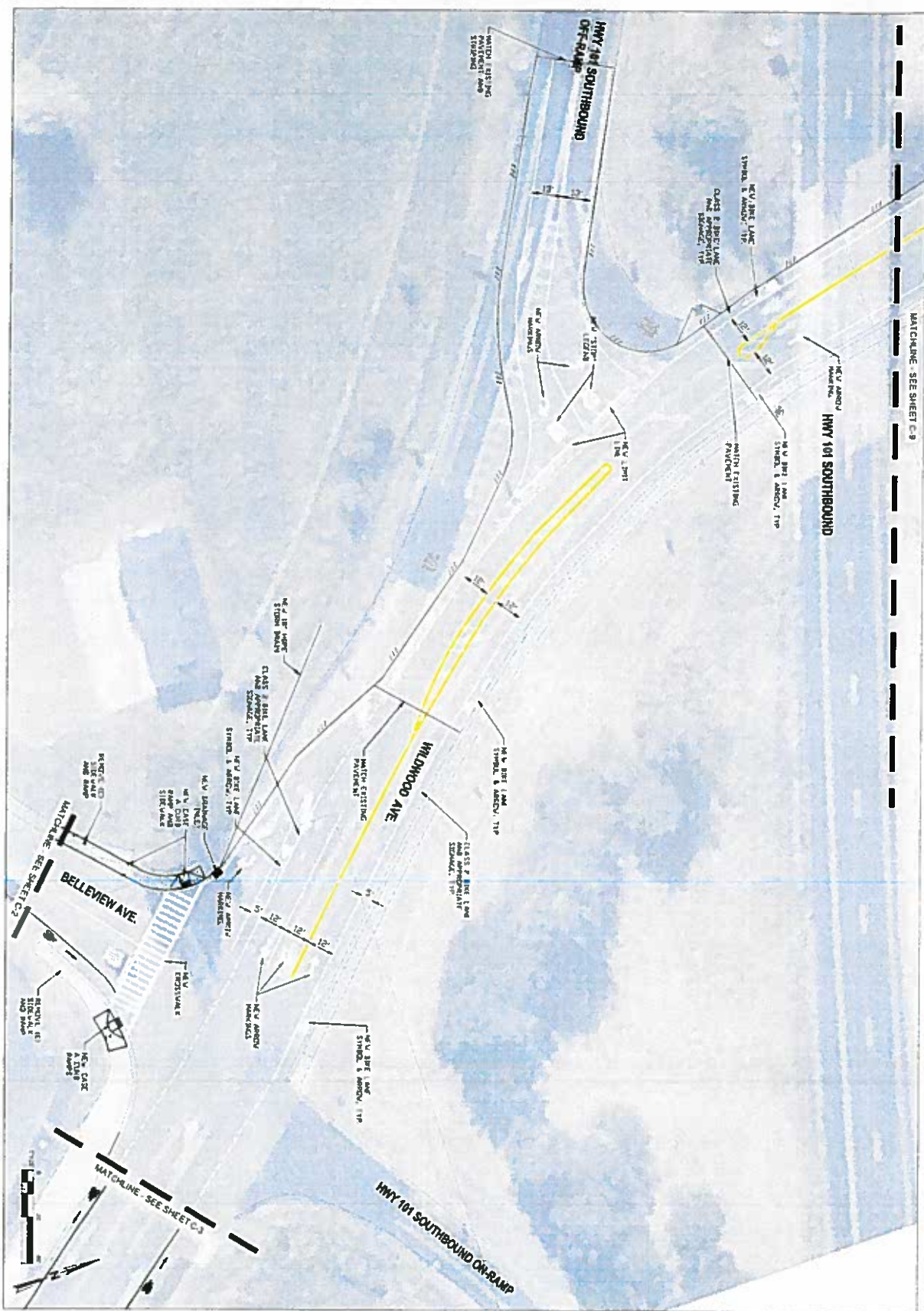
DAVIS STREET (EAST) - CONCEPT DESIGN



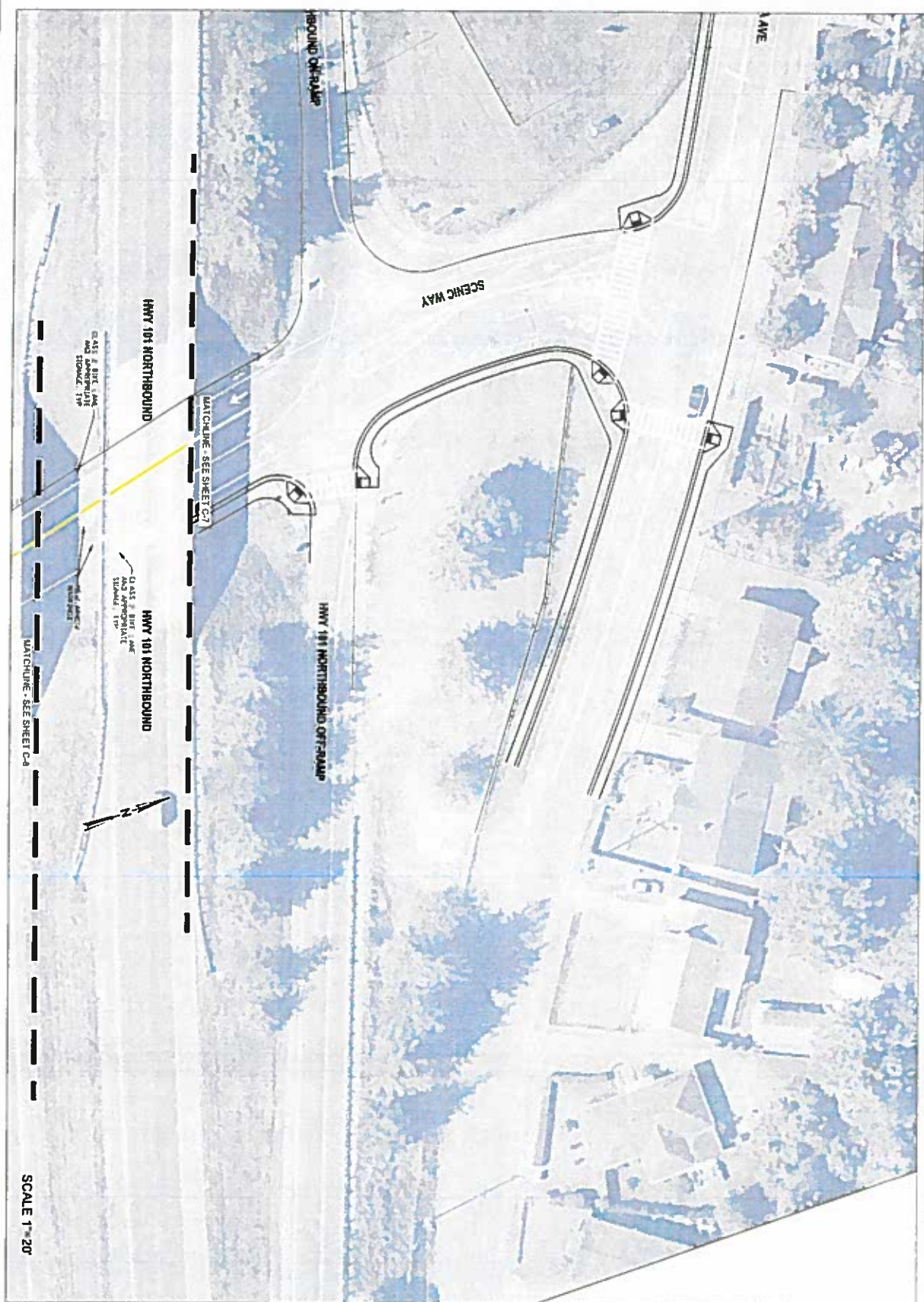
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<p>CITY OF RIO DELL SAFE ROUTES TO SCHOOL ATP APPLICATION</p>		<p>CONCEPT DESIGN DAVIS STREET</p>	
<p>C-6</p>	<p>DATE 10/10/2019</p>	<p>DESIGNER CHD</p>	<p>APPROVED CHD</p>



C-8 11/1/2019 9:00 AM 10/11/2019 12:17 PM	CITY OF RIO DELL SAFE ROUTES TO SCHOOL ATP APPLICATION CONCEPT DESIGN Highway 101, Bellevue, and Wildwood Intersections, sheet 1		PREPARED BY: [Redacted] CHECKED BY: [Redacted] DATE: [Redacted]	THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF GHD INC. AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF GHD INC.	 GHD Inc. 111 Third Street, Suite 100, Rio Dell, AK 99581 P: 907.443.8328 F: 907.444.8335 W: www.ghd.com
	11/1/2019 9:00 AM 10/11/2019 12:17 PM		11/1/2019 9:00 AM 10/11/2019 12:17 PM	11/1/2019 9:00 AM 10/11/2019 12:17 PM	11/1/2019 9:00 AM 10/11/2019 12:17 PM



Detailed Engineer's Estimate and Total Project Cost

Important: Read the instructions in the other sheet (tab) before entering data. Do not enter in shaded fields (with formulas).

Project Information:

Agency:	City of Rio Dell		
Application ID:	01-Rio Dell-1	Prepared by:	Stephane Gould
Project Description:	Enhance pedestrian and bicycle routes surrounding Rio Dell's Eagle Prairie Elementary and Monument Middle schools		
Project Location:	Bellevue Avenue, Wildwood Avenue, David Street, intersection of Scenic Way and Eeloa Avenue, and intersection of Highway 101, Wildwood Ave., and Bellevue Ave		

Engineer's Estimate and Cost Breakdown:

Engineer's Estimate (for Construction Items Only)						Cost Breakdown							
						Note: Cost can apply to more than one category. Therefore may be over 100%.							
Item No.	Item	Quantity	Units	Unit Cost	Total Item Cost	ATP Eligible Items		Landscaping		Non-Participating Items		To be Constructed by Corps/CCC	
						%	\$	%	\$	%	\$	%	\$
1	Mobilization/Demobilization (5%)	1	LS	\$36,412	\$36,412	100%	\$364						
2	Construction Area Signs	1	LS	\$11,556	\$11,556	100%	\$116						
3	Construction Staking	1	LS	\$28,890	\$28,890	100%	\$289						
4	Traffic Control (10%)	1	LS	\$65,302	\$65,302	100%	\$653						
5	Control of Water	1	LS	\$5,778	\$5,778	100%	\$58						
6	Erosion Control - SWPPP	1	LS	\$17,334	\$17,334	100%	\$173						
7	Demolition (AC, Concrete, Striping)	1	LS	\$53,097	\$53,097	100%	\$531						
8	Clearing and Grubbing	1	LS	\$11,556	\$11,556	100%	\$116						
9	Temporary Shoring and Trench Safety	1	LS	\$3,051	\$3,051	100%	\$31						
10	Excavation, Grading & Disposal	2500	CY	\$35	\$101,500	100%	\$1,015						
11	Over Excavation	1	LS	\$11,556	\$11,556	100%	\$116						
12	Aggregate Base (1 R. THK.)	624	CY	\$60	\$35,440	100%	\$354						
13	Minor Concrete (Curb and Gutter)	606	LF	\$20	\$49,750	100%	\$498						
14	Minor Concrete (Sidewalk, Ramps)	4079	SF	\$15	\$61,050	100%	\$611						
15	Detectable Warning Surface (Truncated Domes)	104	SF	\$30	\$3,120	100%	\$31						
16	Hot Mix Asphalt Concrete (4" THK.)	100	TON	\$190	\$28,500	100%	\$285						
17	Hot Mix Asphalt Concrete (5" THK.)	480	TON	\$150	\$72,000	100%	\$720						
18	Permanent Survey, Monument	2	EA	\$5,000	\$10,000	100%	\$100						
18	Thermoplastic Pavement Striping (4")	9090	LF	\$3	\$18,240	100%	\$182						
19	Thermoplastic Class II Bike Lane Striping (6")	9013	LF	\$5	\$45,065	100%	\$451						
20	Thermoplastic Class II Bike Lane Striping with Buffer (6")	4646	LF	\$10	\$46,450	100%	\$465						
21	Thermoplastic Marking Cross Walk Bars	920	LF	\$10	\$9,200	100%	\$92						
22	Thermoplastic Pavement Markings	1234	SF	\$10	\$12,340	100%	\$123						
23	Roadside Sign(s) I-Post	15	EA	\$800	\$12,000	100%	\$120						
24	Bike Lane Sign(s) I-Post	40	EA	\$450	\$19,600	100%	\$196						
25	Drainage Inlet	7	EA	\$4,000	\$28,000	100%	\$280						
26	18" HDPE Stormdrain Pipe	380	LF	\$100	\$38,000	100%	\$380						
27	Adjust Drainage Inlet	4	EA	\$2,000	\$8,000	100%	\$80						
28	Street Lighting System	1	LS	\$50,000	\$50,000	100%	\$500						
29	Conduit with Pull Boxes	1	LS	\$3,000	\$3,000								
29	Seeding	1	LS	\$6,500	\$6,500	100%	\$65	100%	\$65				
Subtotal of Construction Items:							\$919,287		\$65				
Construction Item Contingencies (% of Construction Items):													
Enter in the cell to the right						10.00%	\$91,929						
Total (Construction Items & Contingencies) cost:							\$1,011,216						

Project Cost Estimate:

Type of Project Delivery Cost	Cost \$		
Preliminary Engineering (PE)			
Environmental Studies and Permits (PA&ED):	\$	75,419	
Plans, Specifications and Estimates (PS&E):	\$	150,446	
Total PE:	\$	225,865	22.34% 25% Max
Right of Way (RW)			
Right of Way Engineering:	\$	50,000	
Acquisitions and Utilities:	\$	50,000	
Total RW:	\$	100,000	
Construction (CON)			
Construction Engineering (CE):	\$	120,540	10.66% 15% Max
Total Construction Items & Contingencies:	\$	\$1,011,216	
Total CON:	\$	1,131,756	
Total Project Cost Estimate:	\$	1,457,621	

PLANNING LEVEL ENGINEERS ESTIMATE OF PROBABLE COST - BELLEVUE BIKE LANES
GHD INC

Estimator: JJW
Checked By: MP
Date: 05-8-2015

Project: City Of Rio Dell SRTS PROJECT 2015
Proj. #: 8411949

Construction Cost	UNIT	QTY	UNIT PRICE	TOTAL
Mobilization	LS	1		
Traffic Control	LS	1	5.0%	\$3,257
CL Striping	LF	2,670	5.0%	\$3,257
Class II Bike Lane, 1 stripe	LF	662	\$3	\$8,009
Class II Bike Lane, with buffer	LF	662	\$5	\$3,310
Bike Lane Symbol	LF	4,645	\$10	\$46,450
Arrow Symbol	SF	149	\$10	\$1,486
Bike Lane Sign (R81) 1-post	SF	149	\$10	\$1,486
End Bike Lane (R81B) 1-post	EA	7	\$400	\$2,800
Begin Bike Lane (R81A) 1-post	EA	2	\$400	\$800
	EA	2	\$400	\$800
Engineering Cost			Construction Total:	\$71,655
DESIGN ENGINEERING		12%		\$8,599
SURVEYING		3%		\$2,150
Environmental Permitting		0%		\$0
CONSTRUCTION ENGINEERING		5%		\$3,583
ROW / ROW Engineering		0		\$0
			Engineering Total:	\$14,331
Estimating Contingency				
ESTIMATING CONTINGENCY		10%		\$8,599

TOTAL OPINION OF PROBABLE PROJECT COST \$94,584

PLANNING LEVEL ENGINEERS ESTIMATE OF PROBABLE COST - WILDWOOD BIKE LANES
GHD INC

Estimator: JJW
Checked By: MP
Date: 05-8-2015

Project: City Of Rio Dell SRTS PROJECT 2015
Proj. #: 8411949

Construction Cost	UNIT	QTY	UNIT PRICE	TOTAL
Mobilization	LS	1	5.0%	\$1,522
Traffic Control	LS	1	5.0%	\$1,522
Class II Bike Lane 1 stripe	LF	3,981	\$5	\$19,905
Bike Lane Symbol	SF	167	\$10	\$1,672
Arrow Symbol	SF	167	\$10	\$1,672
Bike Lane Sign (R81)	EA	14	\$400	\$5,600
End Bike Lane (R81B)	EA	2	\$400	\$800
Begin Bike Lane (R81A)	EA	2	\$400	\$800
Engineering Cost			Construction Total:	\$24,622
DESIGN ENGINEERING		12%		\$2,955
SURVEYING		3%		\$739
Environmental Permitting		0%		\$0
CONSTRUCTION ENGINEERING		5%		\$1,231
ROW / ROW Engineering		0		\$0
			Engineering Total:	\$4,924
Estimating Contingency				
ESTIMATING CONTINGENCY		10%		\$2,955

TOTAL OPINION OF PROBABLE PROJECT COST \$32,501

Estimator: JJW
Checked By: MF
Date: 05-8-2015

Project: City Of Rio Dell SRTS PROJECT 2015
Proj. #: 8411949

TOTAL OPINION OF PROBABLE PROJECT COST	
	\$64,517

PLANNING LEVEL ENGINEERS ESTIMATE OF PROBABLE COST - SCENIC WAY AND EELOA AVENUE
GHD INC

Estimator: SDG
Checked By: JJW
Date: 05-8-2015

Project:
Proj. #:

City Of Rio Dell SRTS PROJECT 2015
8411949

Construction Cost	UNIT	QTY	UNIT PRICE	TOTAL
Mobilization	LS	1	5.0%	\$15,257
Construction Area Signs	LS	1	2.0%	\$6,103
Construction Staking	LS	1	5.0%	\$15,257
Traffic Control	LS	1	10.0%	\$30,514
Control of Water	LS	1	1.0%	\$3,051
Erosion control - SWPPP	LS	1	3.0%	\$9,154
Demolition (AC, Concrete, Striping)	LS	1	\$ 20,000	\$20,000
Clearing and Grubbing	LS	1	2.0%	\$6,103
Temporary Shoring and Trench Safety	LS	1	1.0%	\$3,051
Excavation and Grading	CY	1,000	\$ 35.00	\$35,000
Over Excavation	LS	1	2.0%	\$6,103
Aggregate Base - 1 FT Depth	CY	284	\$60	\$17,040
Minor Concrete-Standard Curb and Gutter	LF	665	\$50	\$33,250
Minor Concrete-Sidewalk, Curb Ramps	SF	2,610	\$15	\$39,150
Detectable Warning	SF	40	\$30	\$1,200
Hot Mix Asphalt Concrete (4" THK.)	TON	190	\$150	\$28,500
Permanent Survey Monument	EA	1	\$5,000	\$5,000
Centerline and Edge Line Striping (4")	LF	1,400	\$3	\$4,200
Class II Bike Lane 1 stripe (6")	LF	1,100	\$5	\$5,500
Thermoplastic Marking Cross Walk Bars	LF	240	\$10	\$2,400
Thermoplastic Traffic Marking	SF	220	\$10	\$2,200
Roadside Sign(s) 1-Post	EA	9	\$800	\$7,200
Drainage Inlet	EA	6	\$4,000	\$24,000
18" HDPE Stormdrain Pipe	LF	260	\$100	\$26,000
Street Lighting System	LS	1	\$50,000	\$50,000
Conduit with Pull Boxes	LS	1	\$1,500	\$1,500
Seeding	LS	1	\$3,000	\$3,000
			Construction Total	\$399,733
Engineering Cost				
DESIGN ENGINEERING		12%		\$47,968.01
SURVEYING		5%		\$19,987
ENVIRONMENTAL PERMITTING		10%		\$39,973
CONSTRUCTION ENGINEERING		15%		\$59,960
ROW / ROW Engineering		1		\$75,000
			Engineering Total	\$242,888
Estimating Contingency				
ESTIMATING CONTINGENCY		10%		\$64,262.14

TOTAL OPINION OF PROBABLE PROJECT COST \$706,884

**PLANNING LEVEL ENGINEERS ESTIMATE OF PROBABLE COST - HWY 101/WILDWOOD INTERSECTION
GHD INC**

Estimator: SDG
Checked By: JJW
Date: 05-8-2015

Project:
Proj. #:

City Of Rio Dell SRTS PROJECT 2015
8411949

Construction Cost	UNIT	QTY	UNIT PRICE	TOTAL
Mobilization	LS	1	5.0%	\$12,658
Construction Area Signs	LS	1	2.0%	\$5,063
Construction Staking	LS	1	5.0%	\$12,658
Traffic Control	LS	1	10.0%	\$25,316
Control of Water	LS	1	1.0%	\$2,532
Erosion control - SWPPP	LS	1	3.0%	\$7,595
Demolition (AC, Concrete, Striping)	LS	1	\$ 32,000.00	\$32,000
Clearing and Grubbing	LS	1	2.0%	\$5,063
Excavation and Grading	CY	1	\$ 40,000.00	\$40,000
Over Excavation	LS	1	2.0%	\$5,063
Aggregate Base - 1 FT Depth	CY	640	\$60	\$38,400
Minor Concrete-Standard Curb and Gutter	LF	150	\$50	\$7,500
Minor Concrete-Sidewalk, curb ramps	SF	560	\$15	\$8,400
Detectable Warning	SF	16	\$30	\$480
Hot Mix Asphalt Concrete (5" THK)	TON	480	\$150	\$72,000
Permanent Survey Monument	EA	1	\$5,000	\$5,000
Centerline and Edge Line Striping (4")	LF	2,010	\$3	\$6,030
Class II Bike Lane 1 stripe (6")	LF	1,070	\$5	\$5,350
Thermoplastic Marking Cross Walk Bars	LF	370	\$10	\$3,700
Thermoplastic Traffic Marking	SF	200	\$10	\$2,000
Roadside Sign(s) 1-Post	EA	6	\$800	\$4,800
Drainage Inlet	EA	1	\$4,000	\$4,000
18" HDPE Stormdrain Pipe	LF	120	\$100	\$12,000
Adjust Drainage Inlet	EA	4	\$2,000	\$8,000
Seeding	LS	1	\$3,500	\$3,500
			Construction Total	\$329,108
Engineering Cost				
DESIGN ENGINEERING		12%		\$39,492.96
SURVEYING		5%		\$16,455
ENVIRONMENTAL PERMITTING		10%		\$32,911
CONSTRUCTION ENGINEERING		15%		\$49,366
ROW / ROW Engineering		1		\$75,000
			Engineering Total	\$213,225
Estimating Contingency				
ESTIMATING CONTINGENCY		10%		\$54,233.34

TOTAL OPINION OF PROBABLE PROJECT COST \$596,567



*Rio Dell City Hall
675 Wildwood Avenue
Rio Dell, CA 95562
(707) 764-3532
riodelcity.com*

May 19, 2015

TO: Rio Dell City Council

FROM: Kyle Knopp, City Manager

SUBJECT: Discussion and Possible Action Related to Economic Development Workshop

IT IS RECOMMENDED THAT THE CITY COUNCIL:

Review, discuss and identify options to move forward on economic development.

BACKGROUND AND DISCUSSION

At its February 3, 2015 meeting, the City Council scheduled an Economic Development Workshop on February 24, 2015 at 3:30 in the afternoon. The workshop was held at its assigned time and comments and ideas were collated from the City Council and members of the public in attendance. An initial list was distributed to the Council shortly after the meeting. A new list with additional items referenced in the minutes is attached.

It was suggested at the meeting that committees be developed to move forward on select items and Councilmember Thompson was joined by Chamber President Angeloff to further consider options to better direct highway 101 traffic through Rio Dell.

///

February 24, 2015 Economic Development Workshop – Brainstorming List

Horseshoe pits and events

Bocce Ball events

Fossil weekend

Direct northbound traffic through Rio Dell on scenic route to Ferndale via Wildwood and Blue Slide

Flexibility on development standards in the Town Center

Install a mini-mart by Moore Fuel

Extend water and sewer services further north on Northwestern Avenue

Have a car dealership located within city limits

Install sign down by Benbow

Kite festival

Invite Bocce Ball donors to Rio Dell

Ease of access to the river

Dog park for 101 travelers and residents

Extend Avenue of the Sculptures to Ferndale

Marketing connection between Rio Dell and Avenue of the Giants

Obtain infrastructure grants

Food collaborative development

Develop long-term economic development vision

Branding and promotion

SWAT Analysis to identify marketable resources

Identify background and skills of unemployed mill workers

Attract working residents with families over retirees

Build a community center

Establish committees, each with a specific focus (festivals, signage etc.)

Gather information on homebuyers in Rio Dell to better market real estate

Bottling company for beer and cream

Lease land to a kayaking business

Build up existing business

Classic car events

Façade grants

Repaint Chamber of Commerce

Build a consistent vision

City help promote existing business

Sewer system extension to Eel River Sawmills

Utilize city of Eureka's economic strategy plan

Develop long-term budget projections


Add more events to Wildwood Days


Be original and unique with façade grants



For Meeting of: May 19, 2015

To: City Council

From: Kevin Caldwell, Community Development Director 

Through: Kyle Knopp, City Manager 

Date: May 12, 2015

Subject: CDBG Program Income Reuse Plan

Recommendation:

That the City Council:

1. Open the public hearing, receive public comments and deliberate; and
2. Adopt Resolution No. 1259-2015 authorizing the City Manager to request that the Department of Housing and Community Development (HCD) rescind their approval of the City's Program Income Housing Revolving Loan Fund; and
3. Direct staff to submit the request to the Department of Housing and Community Development.

Background:

At your meeting of November 18, 2014 the Council approved Resolution No. 1244-2014 authorizing the City Manger to execute a new Program Income Reuse Agreement. The new Reuse Agreement was required due to Federal Community Development Block Grant (CDBG) changes to the Program Income reuse policy.

The approved Reuse Agreement limits the use of Program Income to housing assistance, which is the source of most if not all of the City's Program Income. At the time of the approval of the new Reuse Agreement, the City's Owner Occupied Rehabilitation program was the only CDBG approved activity. Since that time the City has adopted new Homebuyer Assistance Guidelines which were recently approved by the Department of Housing and Community Development. As such, Program Income is currently limited to the approved housing activities, the City's Owner Occupied and Homebuyer Assistance Programs.

As the Council is aware the City recently (April 7, 2015) met with Thomas Brandeberry, the Section Chief for the States CDBG Program to discuss the CDBG Program and how the City can best utilize the program to enhance the community. Based on that meeting, Mr. Brandeberry convinced staff that the Housing Revolving Loan Fund (RLF) is not in the best interest of the City, because it limits the use of our Program Income to Owner Occupied Rehabilitation and Homebuyer Assistance loans.

Therefore, staff is requesting that the Council authorize the City manger to request that the State rescind their approval of the Housing RLF. If the request is approved, the City would be allowed to seek approval from HCD to use Program Income for other approved CDBG activities. See Attachment 2 for CDBG eligible activities.

In addition, once the City adopts Business Assistance Guidelines and HCD approves them, the City with the approval of HCD could loan Program Income for economic development. The State is expected to release its new template for Business Assistance Guidelines in the very near future, most likely before the end of the month. Once released staff will prepare and present the City's Business Assistance Guidelines to the Council for your review and approval.

Attachment 1: Resolution No. 1259-2015 authorizing the City Manager to request that the Department of Housing and Community Development (HCD) rescind their approval of the City's Program Income Housing Revolving Loan Fund.

Attachment 2: CDBG Activity Matrix

RESOLUTION NO. 1259-2015



**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF RIO DELL
AUTHORIZING THE CITY MANAGER TO REQUEST THAT THE DEPARTMENT OF
HOUSING AND COMMUNITY DEVELOPMENT (HCD) RESCIND THEIR APPROVAL OF
THE CITY'S PROGRAM INCOME HOUSING REVOLVING LOAN FUND**

WHEREAS at the City Council meeting of November 18, 2014 the Council approved Resolution No. 1244-2014 authorizing the City Manger to execute a new Program Income Reuse Agreement; and

WHEREAS the new Reuse Agreement was required due to Federal Community Development Block Grant (CDBG) changes to the Program Income reuse policy; and

WHEREAS the approved Reuse Agreement limits the use of Program Income to housing assistance, which is the source of most if not all of the City's Program Income; and

WHEREAS at the time of the approval of the new Reuse Agreement, the City's Owner Occupied Rehabilitation program was the only CDBG approved activity; and

WHEREAS since that time the City has adopted new Homebuyer Assistance Guidelines which were recently approved by the Department of Housing and Community Development; and

WHEREAS Program Income is currently limited to the approved housing activities, the City's Owner Occupied and Homebuyer Assistance Programs; and

WHEREAS the Council and staff recently (April 7, 2015) met with Thomas Brandeberry, the Section Chief for the States CDBG Program to discuss the CDBG Program and how the City can best utilize the program to enhance the community; and

WHEREAS based on that meeting, Mr. Brandeberry convinced staff that the Housing Revolving Loan Fund (RLF) is not in the best interest of the City, because it limits the use of our Program Income to Owner Occupied Rehabilitation and Homebuyer Assistance loans; and

WHEREAS staff is requesting that the Council authorize the City manger to request that the State rescind their approval of the Housing RLF; and

WHEREAS if the request is approved, the City would be allowed to seek approval from HCD to use Program Income for other approved CDBG activities; and

NOW, THEREFORE, BE IT RESOLVED that the City Council hereby authorizes the City Manager to request that the Department of Housing and Community Development (HCD) rescind their approval of the City's Program Income Housing Revolving Loan Fund; and

BE IT FURTHER RESOLVED that the City Council of the City of Rio Dell Direct staff to submit the request to the Department of Housing and Community Development.

I HEREBY CERTIFY that the forgoing Resolution was PASSED and ADOPTED at a regular meeting of the City Council of the City of Rio Dell on May 19, 2015 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Frank Wilson, Mayor

ATTEST:

I, Karen Dunham, City Clerk for the City of Rio Dell, State of California, hereby certify the above and foregoing to be a full, true and correct copy of Resolution No. 1259-2015 adopted by the City Council of the City of Rio Dell on May 19, 2015.

Karen Dunham

City Clerk, City of Rio Dell

MATRIX CODE DEFINITIONS

Matrix codes are used to indicate—but do not establish—activity eligibility. An activity must be eligible in accordance with the regulations at 570.201–570.207. Grantees need to refer to the regulations to determine an activity's eligibility; the codes defined below are used in IDIS OnLine chiefly to categorize activities for reporting purposes.

Code	Definition
01	<p>Acquisition of Real Property</p> <p>Acquisition of real property that will be developed for a public purpose. Use code 01 for the CDBG-funded purchase of real property on which, for example, a public facility or housing will be constructed.</p> <p><i>When CDBG funds are used to:</i></p> <ul style="list-style-type: none"> • <i>acquire a public facility that will be rehabilitated with CDBG funds and continue to be used as a public facility, assign the appropriate 03* code.</i> • <i>acquire housing that will be rehabilitated, use code 14G.</i>
02	<p>Disposition of Real Property</p> <p>Costs related to the sale, lease, or donation of real property acquired with CDBG funds or under urban renewal. These include the costs of temporarily maintaining property pending disposition and costs incidental to disposition of the property.</p>
03A	<p>Senior Centers</p> <p>Acquisition, construction, or rehabilitation of facilities (except permanent housing) for seniors.</p> <p>03A may be used for a facility serving both the elderly and the handicapped provided it is not intended primarily to serve persons with handicaps. If it is, use 03B instead.</p> <p><i>For the construction of permanent housing for the elderly, use code 12; for the rehabilitation of such housing, use the appropriate 14* code.</i></p>
03B	<p>Handicapped Centers</p> <p>Acquisition, construction, or rehabilitation of centers, group homes, and other facilities (except permanent housing) for the handicapped.</p> <p>03B may be used for a facility serving both the handicapped and the elderly provided it is not intended primarily to serve the elderly. If it is, use 03A instead.</p> <p><i>For the construction of permanent housing for the handicapped, use code 12; for the rehabilitation of such housing, use the appropriate 14* code.</i></p>
03C	<p>Homeless Facilities (not operating costs)</p> <p>Acquisition, construction, or rehabilitation of temporary shelters and transitional housing for the homeless, including battered spouses, disaster victims, runaway children, drug offenders, and parolees.</p> <p><i>For the construction of permanent housing for the homeless, use code 12; for the rehabilitation of such housing, use the appropriate 14* code.</i></p>

Code	Definition
03D	Youth Centers Acquisition, construction, or rehabilitation of facilities intended primarily for young people age 13 to 19. These include playground and recreational facilities that are part of a youth center. <i>For the acquisition, construction or rehabilitation of facilities intended primarily for children age 12 and under, use 03M; for facilities for abused and neglected children, use 03Q.</i>
03E	Neighborhood Facilities Acquisition, construction, or rehabilitation of facilities that are principally designed to serve a neighborhood and that will be used for social services or for multiple purposes (including recreation). Such facilities may include libraries and community centers.
03F	Parks, Recreational Facilities Development of open space areas or facilities intended primarily for recreational use.
03G	Parking Facilities Acquisition, construction, or rehabilitation of parking lots and parking garages. Also use 03G if the primary purpose of rehabilitating a public facility or carrying out a street improvement activity is to improve parking. <i>If parking improvements are only part of a larger street improvement activity, use 03K.</i>
03H	Solid Waste Disposal Improvements Acquisition, construction or rehabilitation of solid waste disposal facilities.
03I	Flood Drainage Improvements Acquisition, construction, or rehabilitation of flood drainage facilities, such as retention ponds or catch basins. Do not use 03I for construction/rehabilitation of storm sewers, street drains, or storm drains. <i>Use 03J for storm sewers and 03K for street and storm drains.</i>
03J	Water/Sewer Improvements Installation or replacement of water lines, sanitary sewers, storm sewers, and fire hydrants. Costs of street repairs (usually repaving) made necessary by water/sewer improvement activities are included under 03J. <i>For water/sewer improvements that are part of:</i> <ul style="list-style-type: none"> • <i>more extensive street improvements, use 03K (assign 03K, for example, to an activity that involves paving six blocks of Main Street and installing 100 feet of new water lines in one of those blocks).</i> • <i>a housing rehabilitation activity, use the appropriate 14* matrix code.</i> <i>For construction or rehabilitation of flood drainage facilities, use 03I.</i>

Code	Definition
03K	Street Improvements Installation or repair of streets, street drains, storm drains, curbs and gutters, tunnels, bridges, and traffic lights/signs. Also use 03K: <ul style="list-style-type: none"> • for improvements that include landscaping, street lighting, and/or street signs (commonly referred to as "streetscaping"). • if sidewalk improvements (see code 03L) are part of more extensive street improvements.
03L	Sidewalks Improvements to sidewalks. Also use 03L for sidewalk improvements that include the installation of trash receptacles, lighting, benches, and trees.
03M	Child Care Centers Acquisition, construction, or rehabilitation of facilities intended primarily for children age 12 and under. Examples are daycare centers and Head Start preschool centers. <i>For the construction or rehabilitation of facilities for abused and neglected children, use 03Q; for the construction or rehabilitation of facilities for teenagers, use 03D.</i>
03N	Tree Planting Activities limited to tree planting (sometimes referred to as "beautification"). <i>For streetscape activities that include tree planting, use 03K; for sidewalk improvement activities that include tree planting, use 03L.</i>
03O	Fire Stations/Equipment Acquisition, construction, or rehabilitation of fire stations and/or the purchase of fire trucks and emergency rescue equipment.
03P	Health Facilities Acquisition, construction, or rehabilitation of physical or mental health facilities. Examples of such facilities include neighborhood clinics, hospitals, nursing homes, and convalescent homes. <i>Health facilities for a specific client group should use the matrix code for that client group. For example, use 03Q for the construction or rehabilitation of health facilities for abused and neglected children.</i>
03Q	Facilities for Abused and Neglected Children Acquisition, construction, or rehabilitation of daycare centers, treatment facilities, or temporary housing for abused and neglected children.
03R	Asbestos Removal Rehabilitation of any public facility undertaken primarily to remove asbestos.
03S	Facilities for AIDS Patients (not operating costs) Acquisition, construction, or rehabilitation of facilities for the treatment or temporary housing of people who are HIV positive or who have AIDS. <i>For the construction or rehabilitation of facilities for AIDS education and prevention, use 03P.</i>

Code	Definition
03T	<p>Operating Costs of Homeless/AIDS Patients Programs</p> <p>Costs associated with the operation of programs for the homeless or for AIDS patients, such as staff costs, utilities, maintenance, and insurance.</p> <p>Because payment of operating costs for these programs is a public service under CDBG, all CDBG expenditures for 03T activities are included in the calculation of the Public Services cap.</p>
03	<p>Other Public Facilities and Improvements</p> <p>Do not use this code unless an activity does not fall under a more specific 03* code. Also, do not use one activity for multiple facilities and then assign it an 03 because the types of facilities are different.</p> <p>One legitimate use of 03 is for activities that assist persons with disabilities by removing architectural barriers from or providing ADA Improvements to government buildings (activities that otherwise would not be eligible for CDBG funding).</p>
04	<p>Clearance and Demolition</p> <p>Clearance or demolition of buildings/improvements, or the movement of buildings to other sites.</p>
04A	<p>Cleanup of Contaminated Sites</p> <p>Activities undertaken primarily to clean toxic/environmental waste or contamination from a site.</p>
05A	<p>Senior Services</p> <p>Services for the elderly. 05A may be used for an activity that serves both the elderly and the handicapped provided it is not intended primarily to serve persons with handicaps. If it is, use 05B instead.</p>
05B	<p>Handicapped Services</p> <p>Services for the handicapped, regardless of age.</p>
05C	<p>Legal Services</p> <p>Services providing legal aid to low- and moderate-income (LMI) persons.</p> <p><i>If the only legal service provided is for the settlement of tenant/landlord disputes, use 05K.</i></p>
05D	<p>Youth Services</p> <p>Services for young people age 13 to 19 that include, for example, recreational services limited to teenagers and teen counseling programs. Also use 05D for counseling programs that target teens but include counseling for the family as well.</p> <p><i>For services for children age 12 and under, use 05L; for services for abused and neglected children, use 05N.</i></p>
05E	<p>Transportation Services</p> <p>General transportation services.</p> <p><i>Transportation services for a specific client group should use the matrix code for that client group. For example, use 05A for transportation services for the elderly.</i></p>

Code	Definition
05F	Substance Abuse Services Substance abuse recovery programs and substance abuse prevention/education activities. If the services are provided for a specific client group, the matrix code for that client group may be used instead. For example, substance abuse services that target teenagers may be coded either 05D or 05F.
05G	Services for Battered and Abused Spouses Services for battered and abused spouses and their families. <i>For services limited to abused and neglected children, use 05N.</i>
05H	Employment Training Assistance to increase self-sufficiency, including literacy, independent living skills, and job training. <i>For activities providing training for permanent jobs with specific businesses, use 18A.</i>
05I	Crime Awareness/Prevention Promotion of crime awareness and prevention, including crime prevention education programs and paying for security guards.
05J	Fair Housing Activities (subject to Public Services cap) Fair housing services (e.g. counseling on housing discrimination) that meet a national objective. <i>For fair housing services activities carried out as part of general program administration (and thus not required to meet a national objective), use 21D.</i>
05K	Tenant/Landlord Counseling Counseling to help prevent or settle disputes between tenants and landlords.
05L	Child Care Services Services that will benefit children (generally under age 13), including parenting skills classes. <i>For services exclusively for abused and neglected children, use 05N.</i>
05M	Health Services Services addressing the physical health needs of residents of the community. <i>For mental health services, use 05O.</i>
05N	Services for Abused and Neglected Children Daycare and other services exclusively for abused and neglected children.
05O	Mental Health Services Services addressing the mental health needs of residents of the community.
05P	Screening for Lead Poisoning Activities undertaken primarily to provide screening for lead poisoning. <i>For lead poisoning testing/abatement activities, use 14I.</i>

Code	Definition
05Q	Subsistence Payments One-time or short-term (no more than three months) emergency payments on behalf of individuals or families, generally for the purpose of preventing homelessness. Examples include utility payments to prevent cutoff of service and rent/mortgage payments to prevent eviction.
05R	Homeownership Assistance (not direct) Homeowner downpayment assistance provided as a public service. If housing counseling is provided to those applying for downpayment assistance, the counseling is considered part of the 05R activity. Assistance provided under 05R must meet the low/mod housing national objective. Therefore, unless the assistance is provided by a CBDO in an NRSA, it is subject to the public service cap and only low/mod households may be assisted. If the assistance is provided by a CBDO in an NRSA, the housing units for which CDBG funds are obligated in a program year may be aggregated and treated as a single structure for purposes of meeting the housing national objective (that is, only 51% of the units must be occupied by LMI households). <i>For more extensive types of homeownership assistance provided under authority of the National Affordable Housing Act, use code 13.</i>
05S	Rental Housing Subsidies Tenant subsidies exclusively for rental payments for more than three months. Activities providing this form of assistance must be carried out by CBDOs.
05T	Security Deposits Tenant subsidies exclusively for payment of security deposits.
05U	Housing Counseling Housing counseling for renters, homeowners, and/or potential new homebuyers that is provided as an independent public service (i.e., not as part of another eligible housing activity).
05V	Neighborhood Cleanups One-time or short-term efforts to remove trash and debris from neighborhoods. Examples of legitimate uses of this code include neighborhood cleanup campaigns and graffiti removal.
05W	Food Banks Costs associated with the operation of food banks, community kitchens, and food pantries, such as staff costs, supplies, utilities, maintenance, and insurance.
05	Other Public Services Do not use this code for public services activities unless an activity does not fall under a more specific 05* code. An example of a legitimate use of this code is referrals to social services.

Code	Definition
06	Interim Assistance Only for activities undertaken either to: <ul style="list-style-type: none"> • Make limited improvements (e.g., repair of streets, sidewalks, or public buildings) intended solely to arrest further deterioration of physically deteriorated areas prior to making permanent improvements. • Alleviate emergency conditions threatening public health and safety, such as removal of tree limbs or other debris after a major storm.
07	Urban Renewal Completion Completion of urban renewal projects funded under Title I of the Housing Act of 1949. Do not use code 07 for a downtown renewal, downtown development, or urban renewal activity unless the activity will result in the closing out of a federally-approved urban renewal project.
08	Relocation Relocation payments and other assistance for permanently or temporarily displaced individuals, families, businesses, non-profit organizations, and farms.
09	Loss of Rental Income Payments to owners of housing for loss of rental income due to temporarily holding rental units for persons displaced by CDBG-assisted activities.
11	Privately Owned Utilities Acquisition, reconstruction, rehabilitation, or installation of distribution lines and facilities of federally regulated, privately owned utilities. This includes placing new or existing distribution lines/facilities underground.
12	Construction of Housing Construction of housing with CDBG funds must be carried out by CBDOS, in accordance with the regulations at 570.204(a).
13	Direct Homeownership Assistance Homeownership assistance to LMI households as authorized under 105(a)(24). Forms of assistance include subsidizing interest rates and mortgage principal, paying up to 50% of downpayment costs, paying reasonable closing costs, acquiring guarantees for mortgage financing from private lenders, and financing the acquisition by LMI households of the housing they already occupy. If housing counseling is provided to households receiving direct homeownership assistance, the counseling is considered part of the code 13 activity. All recipients of assistance provided under matrix code 13 must be LMI.
14A	Rehab: Single-Unit Residential Rehabilitation of privately owned, single-unit homes.

Code	Definition
14B	Rehab: Multi-Unit Residential Rehabilitation of privately owned buildings with two or more permanent residential units. <i>For the rehabilitation of units that will provide temporary shelter or transitional housing for the homeless, use 03C.</i>
14C	Rehab: Public Housing Modernization Rehabilitation of housing units owned/operated by a public housing authority (PHA).
14D	Rehab: Other Publicly Owned Residential Buildings Rehabilitation of permanent housing owned by a public entity other than a PHA. <i>For the rehabilitation of other publicly owned buildings that will provide temporary shelter or transitional housing for the homeless, use 03C.</i>
14E	Rehab: Publicly or Privately Owned Commercial/Industrial Rehabilitation of commercial/industrial property. If the property is privately owned, CDBG-funded rehab is limited to: <ul style="list-style-type: none"> • Exterior improvements (generally referred to as "facade improvements"). • Correction of code violations <i>For more extensive rehabilitation of privately owned commercial/industrial property, use 17C; for infrastructure developments and improvements at commercial/industrial sites, use 17B.</i>
14F	Rehab: Energy Efficiency Improvements Housing rehabilitation with the sole purpose of improving energy efficiency (e.g., a weatherization program). <i>For energy efficiency improvements to public housing units, use 14C; for other publicly owned residential buildings, use 14D.</i>
14G	Rehab: Acquisition Acquisition of property to be rehabilitated for housing. 14G may be used whether CDBG funds will pay only for acquisition or for both acquisition and rehabilitation.
14H	Rehab: Administration All delivery costs (including staff, other direct costs, and service costs) directly related to carrying out housing rehabilitation activities. Examples include appraisal, architectural, engineering, and other professional services; preparation of work specifications and work write-ups; loan processing; survey, site and utility plans; application processing; and other fees. Do not use 14H for the costs of actual rehabilitation and do not use it for costs unrelated to running a rehab program (e.g., tenant/landlord counseling). <i>For housing rehabilitation administration activities carried out as part of general program administration (and thus not required to meet a national objective), use code 21.</i>
14I	Lead-Based Paint/Lead Hazards Testing/Abatement Housing rehabilitation activities with the primary goal of evaluating and reducing lead-based paint/lead hazards. <i>For lead-based paint/lead hazards screening, use 05P.</i>

Code	Definition
14J	Housing Services Housing services in support of the HOME Program, eligible under 570.201(k).
15	Code Enforcement Salaries and overhead costs associated with property inspections and follow-up actions (such as legal proceedings) directly related to the enforcement (not correction) of state and local codes. <i>For the correction of code violations, use the appropriate rehabilitation code.</i>
16A	Residential Historic Preservation Rehabilitation of historic buildings for residential use.
16B	Non-Residential Historic Preservation Rehabilitation of historic buildings for non-residential use. Examples include the renovation of an historic building for use as a neighborhood facility, as a museum, or by an historic preservation society.
17A	Commercial/Industrial: Acquisition/Disposition Land acquisition, clearance of structures, or packaging of land for the purpose of creating industrial parks or promoting commercial/industrial development. 17A activities must be carried out by the grantee or by non-profits.
17B	Commercial/Industrial: Infrastructure Development Street, water, parking, rail transport, or other improvements to commercial/industrial sites. 17B also includes the installation of public improvements, such as the construction of streets to and through commercial/industrial areas. 17B activities must be carried out by the grantee or by non-profits.
17C	Commercial/Industrial: Building Acquisition, Construction, Rehabilitation Acquisition, construction, or rehabilitation of commercial/industrial buildings. 17C activities must be carried out by the grantee or by non-profits.
17D	Commercial/Industrial: Other Improvements Commercial/industrial improvements not covered by other 17* codes. 17D activities must be carried out by the grantee or by non-profits.
18A	Economic Development: Direct Financial Assistance to For-Profits Financial assistance to for-profit businesses to (for example) acquire property, clear structures, build, expand or rehabilitate a building, purchase equipment, or provide operating capital. Forms of assistance include loans, loan guarantees, and grants. With one exception, a separate 18A activity must be set up for each business assisted. The exception is an activity carried out under 570.208(a)(4)(vi), for which job aggregation is allowed.
18B	Economic Development: Technical Assistance Technical assistance to for-profit businesses, including workshops, marketing, and referrals. Also use 18B for activity delivery costs eligible under 570.203(c).

Code	Definition
18C	<p>Economic Development: Micro-Enterprise Assistance</p> <p>Financial assistance, technical assistance, or general support services to owners and developers of micro-enterprises. A micro-enterprise is a business with five or fewer employees, including the owner(s).</p> <p>With one exception, a separate activity must be set up for each micro-enterprise assisted. The exception is an activity carried out under 570.208(a)(4)(vi), for which job aggregation is allowed.</p>
19A	Obsolete – use code 21H.
19B	Obsolete – use code 21H.
19C	<p>CDBG Non-Profit Organization Capacity Building</p> <p>Activities specifically designed to increase the capacity of non-profit organizations to carry out eligible neighborhood revitalization or economic development activities. Such activities may include providing technical assistance and specialized training to staff.</p>
19D	<p>CDBG Assistance to Institutes of Higher Education</p> <p>Obsolete. Instead of using this matrix code, set the INSTITUTION OF HIGHER EDUCATION field to "yes" on the Add/Edit Subordinate Organization screen to indicate that the activity will be carried out by an institution of higher education. Then assign the appropriate matrix code based on the nature of the activity to be undertaken by the institution.</p>
19E	<p>CDBG Operation and Repair of Foreclosed Property</p> <p>Activities to prevent the abandonment and deterioration of housing acquired through tax foreclosure. These include making essential repairs to the housing and paying operating expenses to maintain its habitability.</p>
19F	<p>Planned Repayments of Section 108 Loans</p> <p>Repayments of principal for Section 108 loan guarantees.</p>
19G	<p>Unplanned Repayments of Section 108 Loans</p> <p>Unplanned repayments of principal for Section 108 loan guarantees.</p>
20	<p>Planning</p> <p>Program planning activities, including the development of comprehensive plans (e.g., a consolidated plan), community development plans, energy strategies, capacity building, environmental studies, area neighborhood plans, and functional plans.</p>
20A	<p>Program planning activities for when states award grants to units of general local government in which planning is the only activity, or in which planning activities are unrelated to any other activity funded as part of the grant. These are often referred to as "planning only grants" or "planning-only activities."</p>

Code	Definition
21A	General Program Administration Overall program administration, including (but not limited to) salaries, wages, and related costs of grantee staff or others engaged in program management, monitoring, and evaluation. Also use 21A to report the use of CDBG funds to administer federally-designated Empowerment Zones or Enterprise Communities. <i>For CDBG funding of HOME admin costs, use 21H; for CDBG funding of HOME CHDO operating expenses, use 21I.</i>
21B	Indirect Costs Costs charged under an indirect cost allocation plan.
21C	Public Information Providing information and other resources to residents and citizen organizations participating in the planning, implementation, or assessment of CDBG-assisted activities.
21D	Fair Housing Activities (subject to Admin cap) Fair housing activities carried out as part of general program administration rather than as a public service. They are subject to the Admin cap, but do not have to meet a national objective. <i>For fair housing activities carried out as a public service, use 05J.</i>
21E	Submission of Applications for Federal Programs Preparation of (1) documents that must be submitted to HUD to receive CDBG funds or (2) applications to other federal programs for community development assistance.
21H	CDBG Funding of HOME Admin CDBG funding of administrative costs for HOME Program activities eligible under 570.206(i)(2).
21I	CDBG Funding of HOME CHDO Operating Expenses CDBG funding of CHDO operating expenses for HOME Program activities eligible under 570.206(i)(2).
21J	State Program administration, including (but not limited to) salaries, wages, and related costs required for overall program management, coordination, monitoring, reporting, and evaluation. This category includes both the state's costs of administering the CDBG program, as well as units of general local governments' (and their subrecipients') costs of administering grants awarded to them by the state.
22	Unprogrammed Funds Identification of funds that are not yet programmed for use—e.g., reserve or contingency funds.
23	Tornado Shelters Serving Private Mobile Home Parks Construction or improvement of tornado-safe shelters for residents of manufactured housing and the provision of assistance (including loans and grants) to nonprofit and for-profit entities, in accordance with Section 105(a)(24). {Note that two pars. 24 have been enacted.}

CITY OF RIO DELL CHECK REGISTER

General Checking - US Bank of California

Check	Date	Vendor	Description	Check / Payment
0003706	4/02/2015	[4109] ACCESS HUMBOLDT	ON BEHALF OF LFAs PER AGREEMENT OF JUNE 1, 20	270.00
0003707	4/02/2015	[5235] ADVANTAGE FINANCIAL SERVICES	DCOSTAR 3 12 SOFTWARE PACKAGE	341.35
0003708	4/02/2015	[2261] CALIFORNIA STATE DISB UNIT	DOCSTAR USER LICENSES & SYSTEM SOFTWARE GARNISHMENT CASE #200000001183524 FOR PPE 3/2	81.69
0003709	4/02/2015	[2285] CC MARKET (1)	20 LBS CRUSHED ICE & SCOTCH TAPE TO SHIP WAST	24.32
			20 LBS CRUSHED ICE TO SHIP WASTEWATER SAMPLES	
			CRUSHED ICE TO SHIP WASTEWATER SAMPLES POA DUES FOR PPE 3/20/15	120.00
0003710	4/02/2015	[2303] COAST CENTRAL CREDIT UNION	CUSTOMER DEPOSIT REFUND	121.71
0003711	4/02/2015	[5455] DIGENNARO, TRAVIS	MONTHLY MAINTENANCE & COPY CHARGES FOR MARCH	348.70
0003712	4/02/2015	[4382] DOCUSTATION	CUSTOMER DEPOSIT REFUND	
0003713	4/02/2015	[5538] GREGG, PAIGE	FLAT TIRE REPAIR	95.99
0003714	4/02/2015	[2474] HUMMEL TIRE & WHEEL, INC	TWO CASES PAPER TOWELS & ONE CASE TOILET TISS	15.00
0003715	4/02/2015	[5689] MENDES SUPPLY COMPANY	MONTHLY CLEANING SERVICES FOR MARCH 2015 AMMONIA NITROGEN W/O DISTILLATION; NITRATE/NI	171.10
0003716	4/02/2015	[2410] NORTH COAST CLEANING SERVICES, INC.	PAGING SERVICES FOR APRIL 2015	471.00
0003717	4/02/2015	[2569] NORTH COAST LABORATORIES, INC.	MONTHLY BROADBAND SERVICES FOR APRIL 2015	140.00
0003718	4/02/2015	[2710] STARGAGE	ANNUAL FIRST CLASS PRESORT MAILING PERMIT RETIREMENT FOR PPE 3/20/15	12.95
0003719	4/02/2015	[2319] SUDDENLINK COMMUNICATIONS	VISION INSURANCE FOR APRIL 2015	246.63
0003720	4/02/2015	[2757] US POSTMASTER	GARBAGE BAGS FOR MARCH 2015	220.00
0003721	4/02/2015	[2481] VANTAGEPOINT TRANSFER AGENTS-304361	TUBING; T-WAX CAR WASH; 80 PK TERRY RAGS LOCK PIN	5,407.79
0003722	4/02/2015	[5166] VSP-VISION SERVICE PLAN	SOLENOID	448.44
0003723	4/03/2015	[2366] EEL RIVER DISPOSAL INC	TWO 16PB BLASTERS	689.65
0003724	4/09/2015	[0576] 101 AUTO PARTS	TRI BALL RECEIVING HITCH	138.33
			PHONE EXPENSES FOR MARCH 2015	
0003725	4/09/2015	[3975] AT&T - 5709	POLICE DISPATCH SERVICES FOR APRIL 2015	495.31
0003726	4/09/2015	[2293] CITY OF FORTUNA	LAB TESTING SERVICES FOR JANUARY THROUGH MARCH	3,387.00
0003727	4/09/2015	[3148] COUNTY OF HUMBOLDT	NOVEMBER 4, 2014 STATEWIDE GENERAL ELECTION C	1,002.81
0003728	4/09/2015	[3883] DARRYL J SELBY DBA SUPERIOR INSTALLS	INSTALL TWO IN-CAR VIDEO SYSTEMS & NEW FRONT	738.48
0003729	4/09/2015	[3782] EUREKA-HUMBOLDT FIRE EXTINGUISHER CO., INC	BALANCE OF ANNUAL FIRE EXTINGUISHER MAINTENAN	24.88
0003730	4/09/2015	[2396] FERNBRIDGE TRACTOR & EQUIPMENT CO., INC.	STARTER FOR JD1435 MOWER JD ROTARY SWITCH	392.54

CITY OF RIO DELL CHECK REGISTER

General Checking - US Bank of California

Check	Date	Vendor	Description	Check / Payment
0003731	4/09/2015	[4855] FRESHWATER ENVIRONMENTAL SERVICES	CONSULTING SERVICES FOR SSMP AUDIT 2015	960.00
0003732	4/09/2015	[5810] LEAGUE OF WOMEN VOTERS	LUNCHEON & PROGRAM FOR ONE GUEST	65.00
0003733	4/09/2015	[4908] MITCHELL BRISSO DELANEY & VRIEZE	PROFESSIONAL SERVICES FOR MARCH 2015	1,996.00
			PROFESSIONAL SERVICES FOR MARCH 2015	
			PROFESSIONAL SERVICES FOR MARCH 2015	
			PROFESSIONAL SERVICES FOR MARCH 2015	
			PROFESSIONAL SERVICES FOR MARCH 2015	
			PROFESSIONAL SERVICES FOR MARCH 2015	
			MONTHLY MAINTENANCE FOR APRIL 15, 2015	
0003734	4/09/2015	[4393] NYLEX.NET	THROUGH	900.00
0003735	4/09/2015	[5730] O & M INDUSTRIES	RE-WIRED CONTROL BOARD TO FACTORY SPECS	76.00
			ON BA	
0003736	4/09/2015	[2619] PITNEY BOWES, INC. (QTR Pymnt)	RED INK CARTRIDGE FOR POSTAGE MACHINE	65.78
0003737	4/09/2015	[3029] REDWOOD COFFEE SERVICE	COFFEE	63.00
0003738	4/09/2015	[2657] RIO DELL EMPLOYEES ASSOC	DUES FOR QTR ENDING 3/31/15	98.00
0003739	4/09/2015	[5545] RIVERWALK VETERINARY HOSPITAL	FELINE EUTHANASIA & BURIAL	97.60
0003740	4/09/2015	[2668] RWS SERVICES	KENWOOD 50 WATT 512 CH MOBILE RADIO FOR UNIT	542.81
0003741	4/09/2015	[2742] SCOTIA TRUE VALUE HARDWARE	88" STARTER ROPE HANDLE	20.59
			4G CONTR SUPER GLUE GEL	
			MP 3/4" 24 GAUGE HANG STRAP	
			TWO 1/2" WHITE PVC BALL VALVES; FOUR 1/2 WHIT	
			STORAGE SERVICE & BOX RETRIEVAL FOR MARCH	
0003742	4/09/2015	[4525] SHERLOCK RECORDS MGMT	201	109.60
0003743	4/09/2015	[2735] TIMES-STANDARD	CLASSIFIED ADVERTISING FOR BIDS REGARDING	1,854.50
			MET	
0003744	4/09/2015	[4310] CAMERON D YAPLE	MEALS PER DIEM FOR WASTEWATER EXAMINATION	46.00
			@ S	
0003745	4/16/2015	[5443] AIRGAS USA, LLC	CYLINDER RENTAL	20.84
0003746	4/16/2015	[2261] CALIFORNIA STATE DISB UNIT	GARNISHMENT CASE #2000000001183524 FOR PPE	81.69
			4/3	
0003747	4/16/2015	[2303] COAST CENTRAL CREDIT UNION	POA DUES FOR PPE 4/3/15	120.00
0003748	4/16/2015	[5127] DELTA DENTAL	DENTAL INSURANCE FOR MAY 2015	2,254.66
0003749	4/16/2015	[5241] GE CAPITAL	XEROX COPIER PAYMENT FOR APRIL 2015	475.49
0003750	4/16/2015	[2437] HACH	EQUITRANSFERRANT PH7 BUFFER, 500ML	102.78
0003751	4/16/2015	[2750] HD Supply Facility Maintenance DBA: USA	TROUBLE SHOOTING GUIDE; ZERO OXYGEN	371.16
			STANDARD;	
0003752	4/16/2015	[2603] PG&E	UTILITY EXPENSES FOR MARCH 2015	14,471.46
0003753	4/16/2015	[5222] R.J. RICCIARDI, INC	PROFESSIONAL SERVICES REGARDING AUDIT FOR	752.50
			PER	
0003754	4/16/2015	[3029] REDWOOD COFFEE SERVICE	COFFEE	63.00

**CITY OF RIO DELL
CHECK REGISTER**

General Checking - US Bank of California

Check	Date	Vendor	Description	Check / Payment
0003755	4/16/2015	[2694] SHELL OIL CO.	PD FUEL EXPENSES FOR MARCH 2015	1,853.09
			PW FUEL EXPENSES FOR MARCH 2015	
			PD FUEL EXPENSES FOR APRIL 2015	
			PW FUEL EXPENSES FOR APRIL 2015	
0003756	4/16/2015	[2319] SUDDENLINK COMMUNICATIONS	INTERNET SERVICE FROM 4/10/15 TO 5/9/15	134.95
0003757	4/16/2015	[2481] VANTAGEPOINT TRANSFER AGENTS-304361	RETIREMENT FOR PPE 4/3/15	5,360.85
0003758	4/16/2015	[2779] WILDWOOD SAW	STIHL BG 86 BLOWER; TRIMMER HEAD; STIHL SPOOL	388.58
0003759	4/16/2015	[5798] 10-8 VIDEO LLC	FIVE IN-CAR VIDEO CAMERA SYSTEMS AND BODY WORK	10,970.00
0003760	4/22/2015	[5819] GROUNDWATER PUMP & WELL INC.	PROJECT #8411880 - PARTIAL PAYMENT ON CONTRAC	9,500.00
0003761	4/23/2015	[5573] AQUAFIX	ONE CASE BUG ON A ROPE; FOUR 2.5 GAL AQUABAC	1,313.22
0003762	4/23/2015	[2237] BANK OF AMERICA BUSINESS CARD	STAFF USED CITY CARD IN ERROR; REIMBURSED BY HAMPTON INN - CREDIT FOR CHARGE IN ERROR ON	119.02
			AMAZON.COM - SEVEN COPIES OF ROBERT'S RULES O	
0003763	4/23/2015	[5769] BLUE SHIELD OF CALIFORNIA	HEALTH INSURANCE FOR MAY 2015	17,215.07
0003764	4/23/2015	[4937] CALIFORNIA DEPARTMENT OF TRANSPORTATION	SIGNALS & LIGHTING BILLING FOR JANUARY THROUGH	204.45
0003765	4/23/2015	[2273] CALIFORNIA RURAL WATER ASSOCIATION	REGISTRATION FEES FOR TWO MEMBERS TO CRWA 201	850.00
0003766	4/23/2015	[5330] CAPITAL ONE COMMERCIAL	COSTCO - HOT CUPS	23.90
0003767	4/23/2015	[2285] CC MARKET (1)	BIRTHDAY CAKE FOR THE MONTH OF APRIL 2015	34.99
0003768	4/23/2015	[2103] JOHN R CHICORA JR	MEALS PER DIEM FOR CRWA 2015 EDUCATION & EXHI	196.00
0003769	4/23/2015	[2394] FEDEX	SHIPPING CHARGES FOR WASTEWATER SAMPLES	252.50
0003770	4/23/2015	[5818] FENTON CONSTRUCTION SERVICES INC	CASP INSPECTION SERVICES FOR ADA ENTRY AT CIT	1,346.00
			CASP INSPECTION SERVICES FOR ADA PARKING LOT	
0003771	4/23/2015	[2437] HACH	TWO SALT BRIDGE, KYNAR	150.83
0003772	4/23/2015	[2501] HAJOCA CORPORATION	SCHEDULE 80 PVC CAP	118.25
0003773	4/23/2015	[2750] HD Supply Facility Maintenance DBA: USA BLUEBOOK	INTELICAL ORP ELECTRODE	382.23
0003774	4/23/2015	[3180] JENSEN, RANDY	MEALS PER DIEM & MILEAGE FOR CRWA 2015 EDUCAT	407.03
0003775	4/23/2015	[5706] RICHARD ROBERTSON	CUSTOMER DEPOSIT REFUND	29.57

CITY OF RIO DELL CHECK REGISTER

General Checking - US Bank of California

Check	Date	Vendor	Description	Check / Payment
0003776	4/23/2015	[2742] SCOTIA TRUE VALUE HARDWARE	TWO GE 20W COMP FLUORESCENT BULBS; ONE 100/12	44.08
0003777	4/23/2015	[2693] SHELTON'S AUTO LUBE	TWO EVER READY LITHIUM BATTERIES FOR WELDING	54.35
0003778	4/23/2015	[5768] STIEGLITZ, GIOVANNA	OIL CHANGE FOR 2008 FORD F-250 PICKUP	120.73
0003779	4/23/2015	[2719] SWRCB OFFICE OF OPERATOR CERT	CUSTOMER DEPOSIT REFUND	180.00
0003780	4/29/2015	[2757] US POSTMASTER	DRINKING WATER DISTRIBUTION OPERATOR CERTIFIC	373.18
0003781	4/30/2015	[3108] ACCUFUND, INC.	POSTAGE FOR THE MONTH OF APRIL 2015 FOR UTILI	175.00
0003782	4/30/2015	[5235] ADVANTAGE FINANCIAL SERVICES	PROFESSIONAL SERVICE - UPGRADE TO 5142 DOCSTAR 3.12 SOFTWARE PACKAGE	343.42
0003783	4/30/2015	[2261] CALIFORNIA STATE DISB UNIT	DOCSTAR USER LICENSES AND SYSTEM SOFTWARE	81.69
0003784	4/30/2015	[2303] COAST CENTRAL CREDIT UNION	GARNISHMENT CASE #200000001183524 FOR PPE 4/1	120.00
0003785	4/30/2015	[2411] DEARBORN NATIONAL LIFE INSURANCE COMPANY	POA DUES FOR PPE 4/17/15	248.00
0003786	4/30/2015	[4382] DOCUSTATION	LIFE INSURANCE FOR MAY 2015	499.56
0003787	4/30/2015	[5052] GHD, INC	MONTHLY MAINTENANCE & COPY CHARGES FOR APRIL	30,343.18
0003788	4/30/2015	[4338] QUILL CORPORATION	PROFESSIONAL SERVICES FOR SDWSRF GRANT APPLIC	111.17
0003789	4/30/2015	[2693] SHELTON'S AUTO LUBE	PROFESSIONAL SERVICES FOR OLD RANCH ROAD EASE	49.28
0003790	4/30/2015	[2710] STARPAGE	PROFESSIONAL SERVICES FOR CITY COUNCIL & STAF	18.95
0003791	4/30/2015	[2319] SUDDENLINK COMMUNICATIONS	DELL LASER TONER CARTRIDGE	246.63
0003792	4/30/2015	[1134] JACK THOMPSON	OIL CHANGE FOR 2002 FORD CROWN VICTORIA	116.54
0003793	4/30/2015	[2481] VANTAGEPOINT TRANSFER AGENTS-304361	PAGING SERVICES FOR MAY 2015 & REPLACEMENT HO	5,361.83
0003794	4/30/2015	[5166] VSP-VISION SERVICE PLAN	MONTHLY BROADBAND SERVICES FOR MAY 2015	448.44
0003795	4/30/2015	[5812] ABC LIOVIN DRILLING INC.	TR MILEAGE REIMBURSEMENT TO HWMA FROM 12/9/14	16,930.00
0003796	4/30/2015	[5819] GROUNDWATER PUMP & WELL INC.	TH RETIREMENT FOR PPE 4/17/15	24,646.00
0003797	4/30/2015	[5819] GROUNDWATER PUMP & WELL INC.	VISION INSURANCE FOR MAY 2015	3,264.00
			METROPOLITAN WELLS PROJECT	
			FINAL PAYMENT ON METROPOLITAN WELLS PROJECT	
			PROJECT #84118800 METROPOLITAN WELLS - CHANGE	
			Total Checks/Deposits	175,640.69